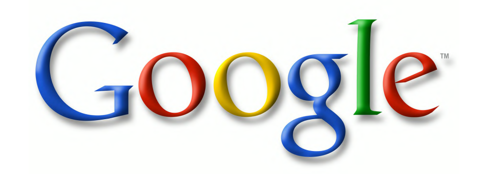






REPERTORIUM

FÜR

EXPERIMENTAL-PHYSIK,

FÜR

PHYSIKALISCHE TECHNIK,

MATHEMATISCHE & ASTRONOMISCHE INSTRUMENTENKUNDE.

HERAUSGEGEBEN

VON

DR. PH. CARL,

PROFESSOR DER PHYSIK AN DEN KGL. BAYER. MILITÄR-BILDUNGS-ANSTALTEN
IN MÜNCHEN.

ZWÖLFTER BAND

(DES „REPERTORIUMS FÜR PHYSIKALISCHE TECHNIK &c.").

ATLAS.

(MIT TAFEL I—XXV.)

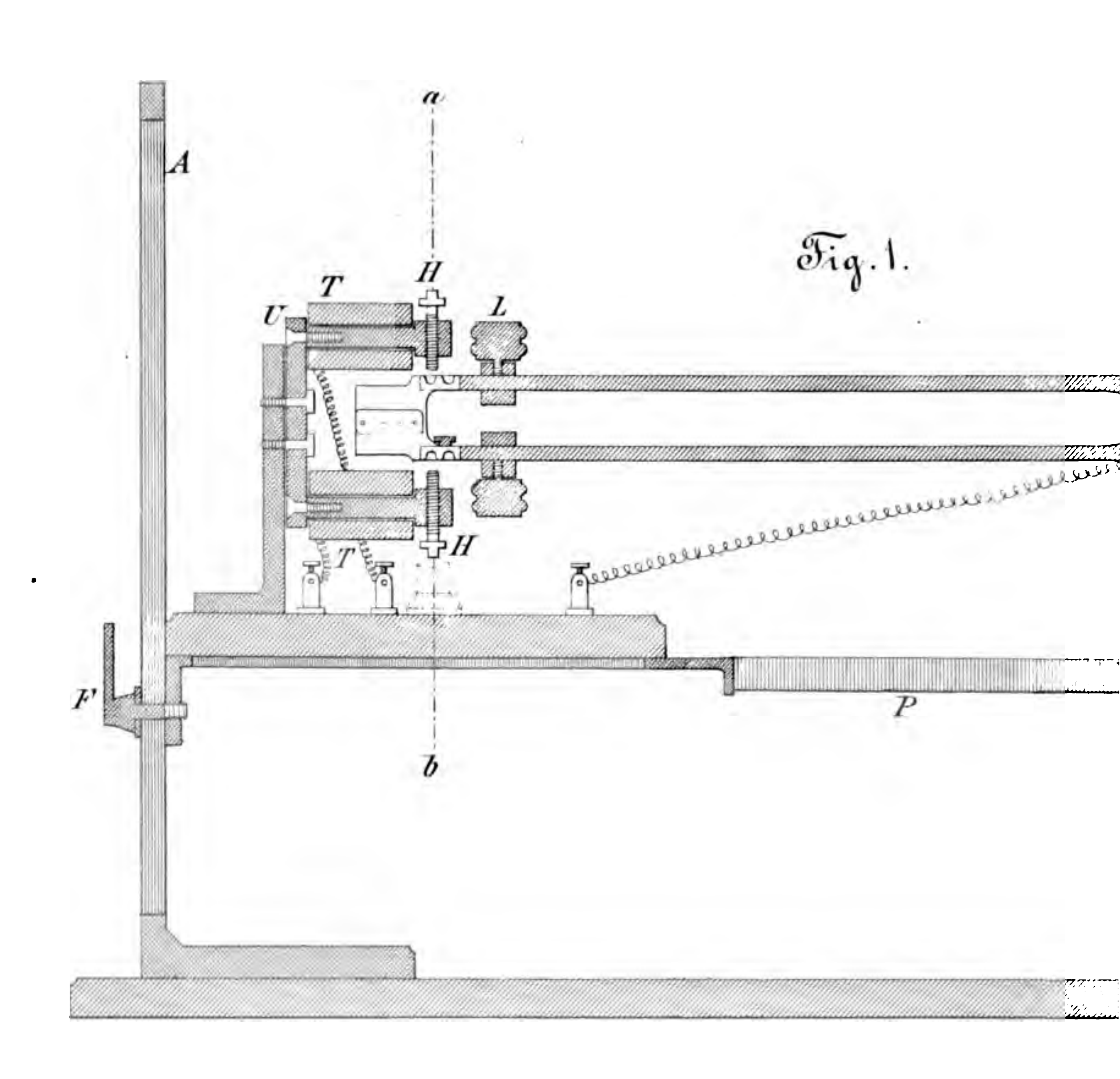
MÜNCHEN, 1876.
DRUCK UND VERLAG VON R. OLDENBOURG.

Sept. 18 — Dec. 7.
1876.

Verzeichniss der Figurentafeln.

A. Ettingshausen. Über die Stroboscopi[...]

der Constanz von Rotatio[...]



Taf. 1.

...che Vergleichung

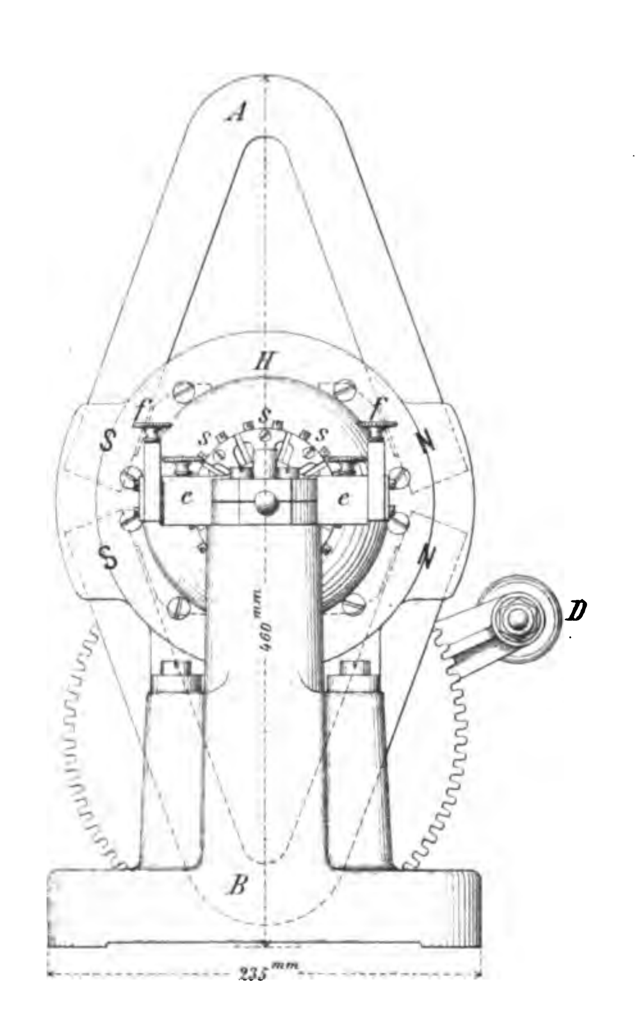
...nen.

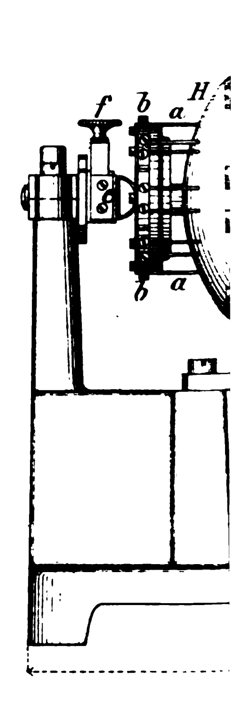
Fig. 2.

A M K F H T C S s U G

Magnet-electrische Masc

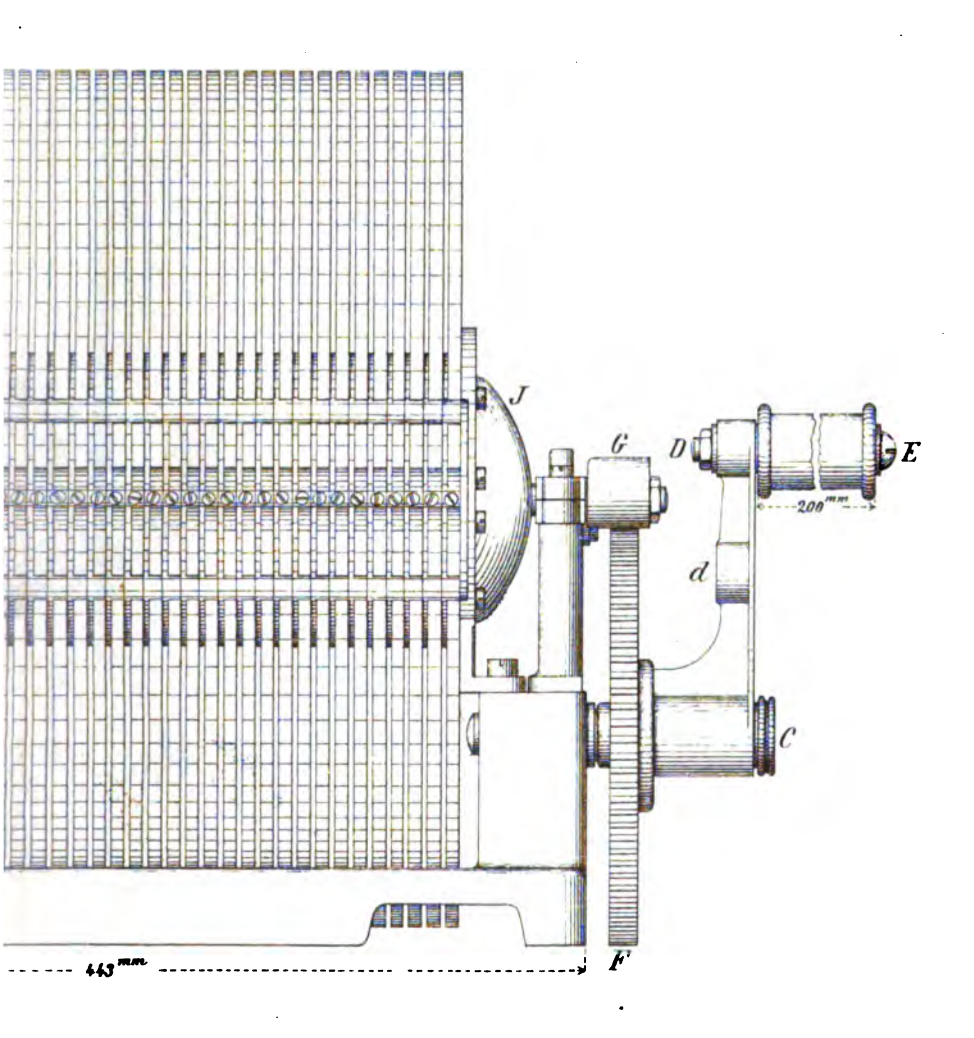
von Siemens



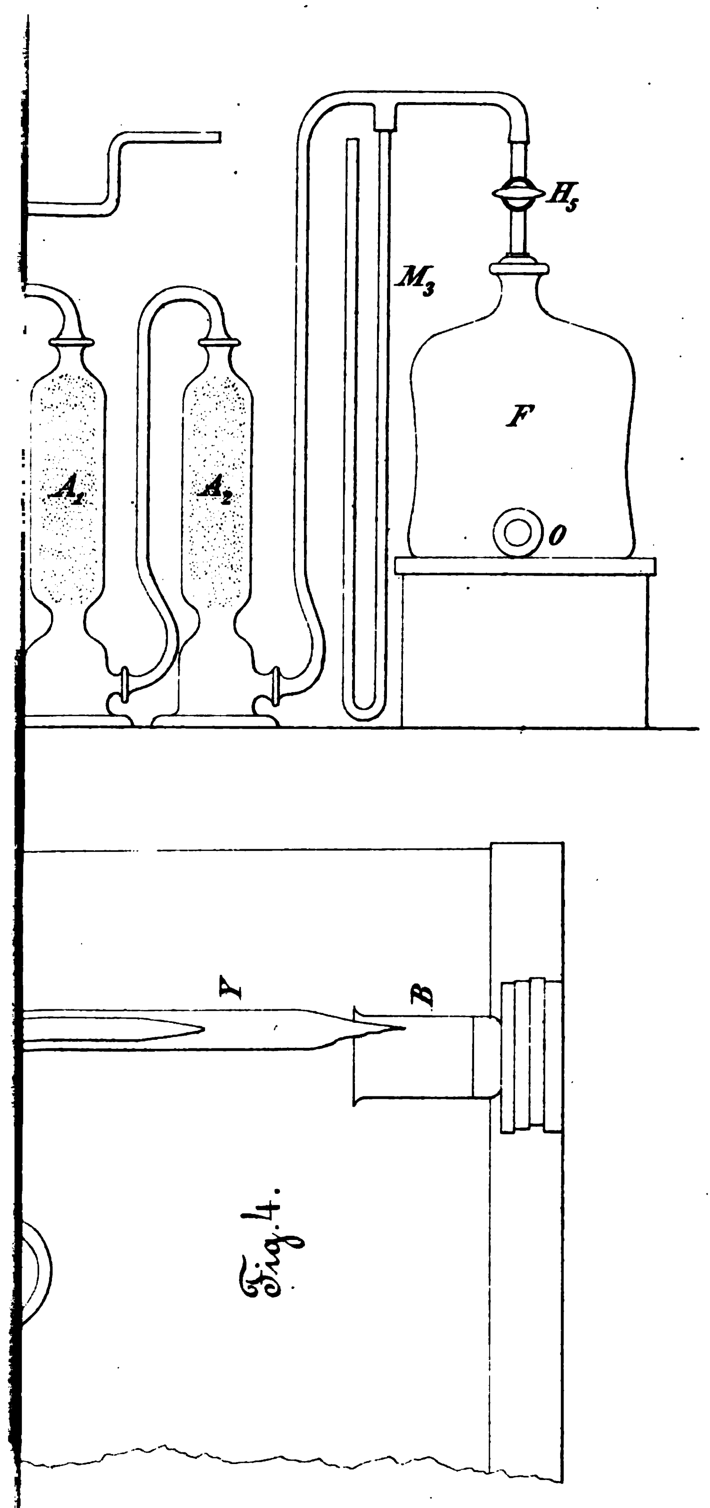


Taf. 2.

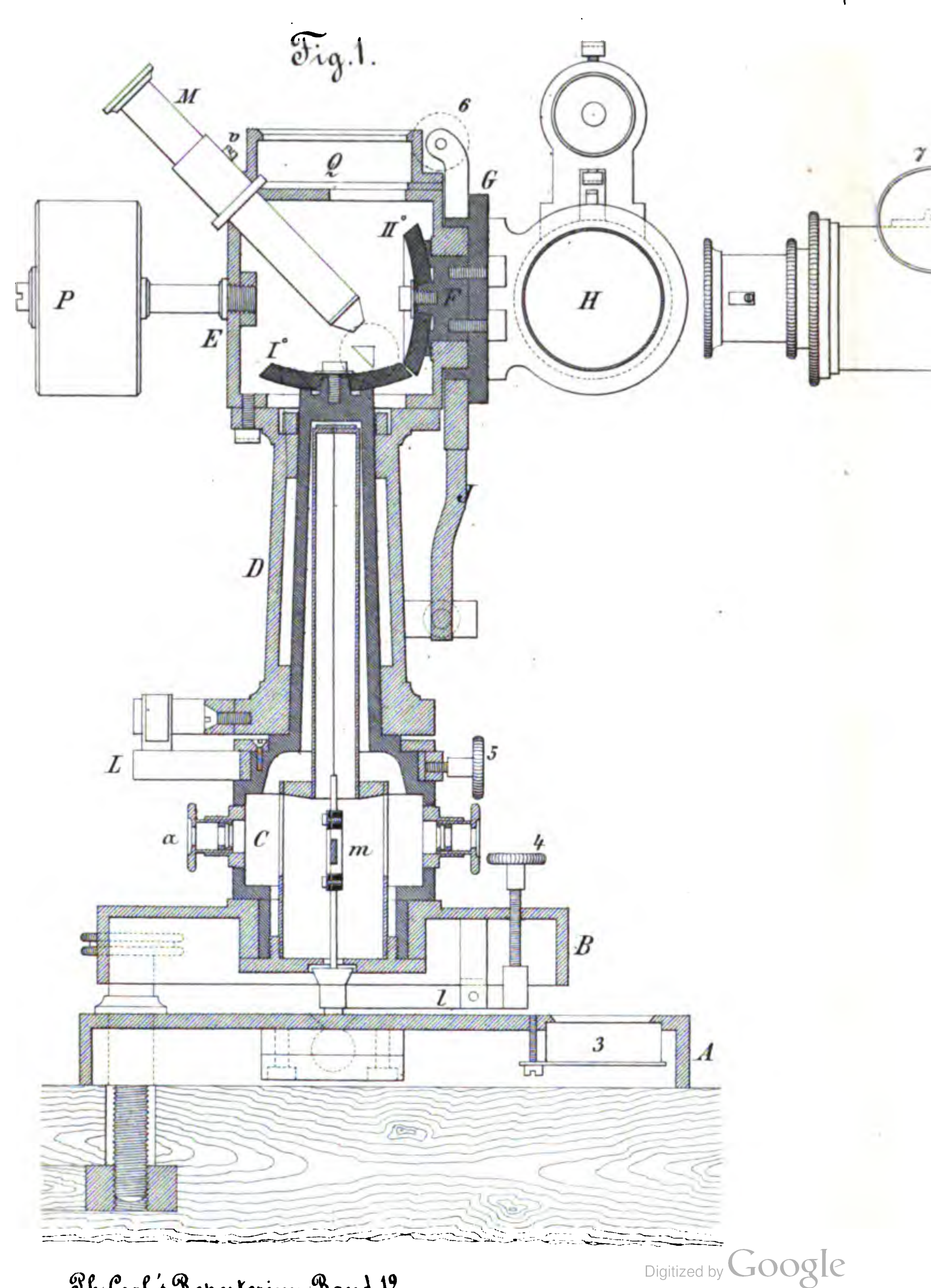
ine für constanten Strom
v. Halske, Berlin.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises, München.



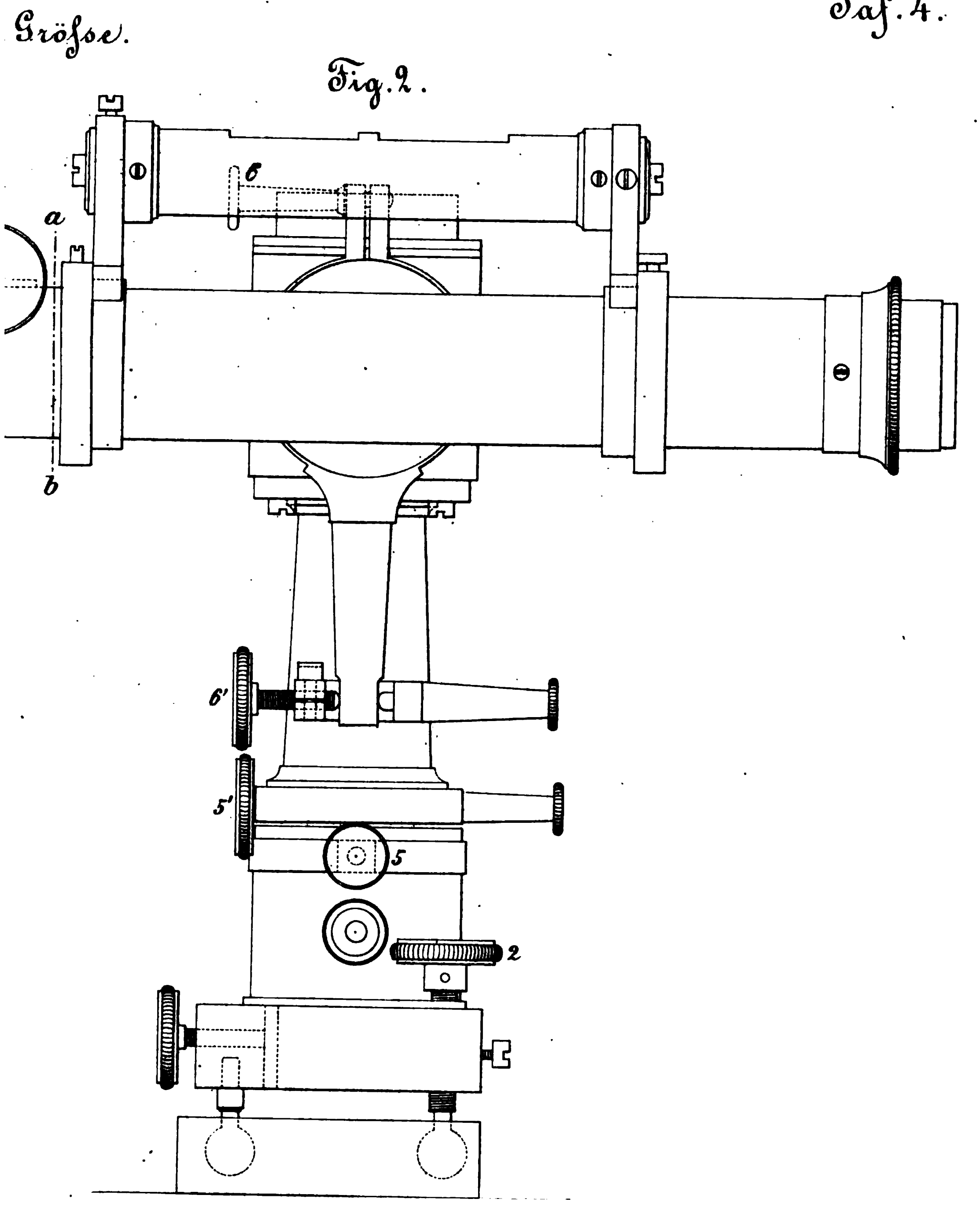
Lith. Anst. v. Jos. Huber vorm. Joh. Moises, München.


Fig. 1.
M
v
6
Q
G
II°
P
E
F
H
I°
7
J
D
L
5
a
C
m
4
B
l
3
A

…s. Kleines Modell.

…Grösse.

Taf. 4.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

Salmojraghi's Clep

1/2 nat.

M'''

M'

M"

G

6'

a.

2

p

p

Reichert's
Eis-Calorimeter.

Fig. 3.

G

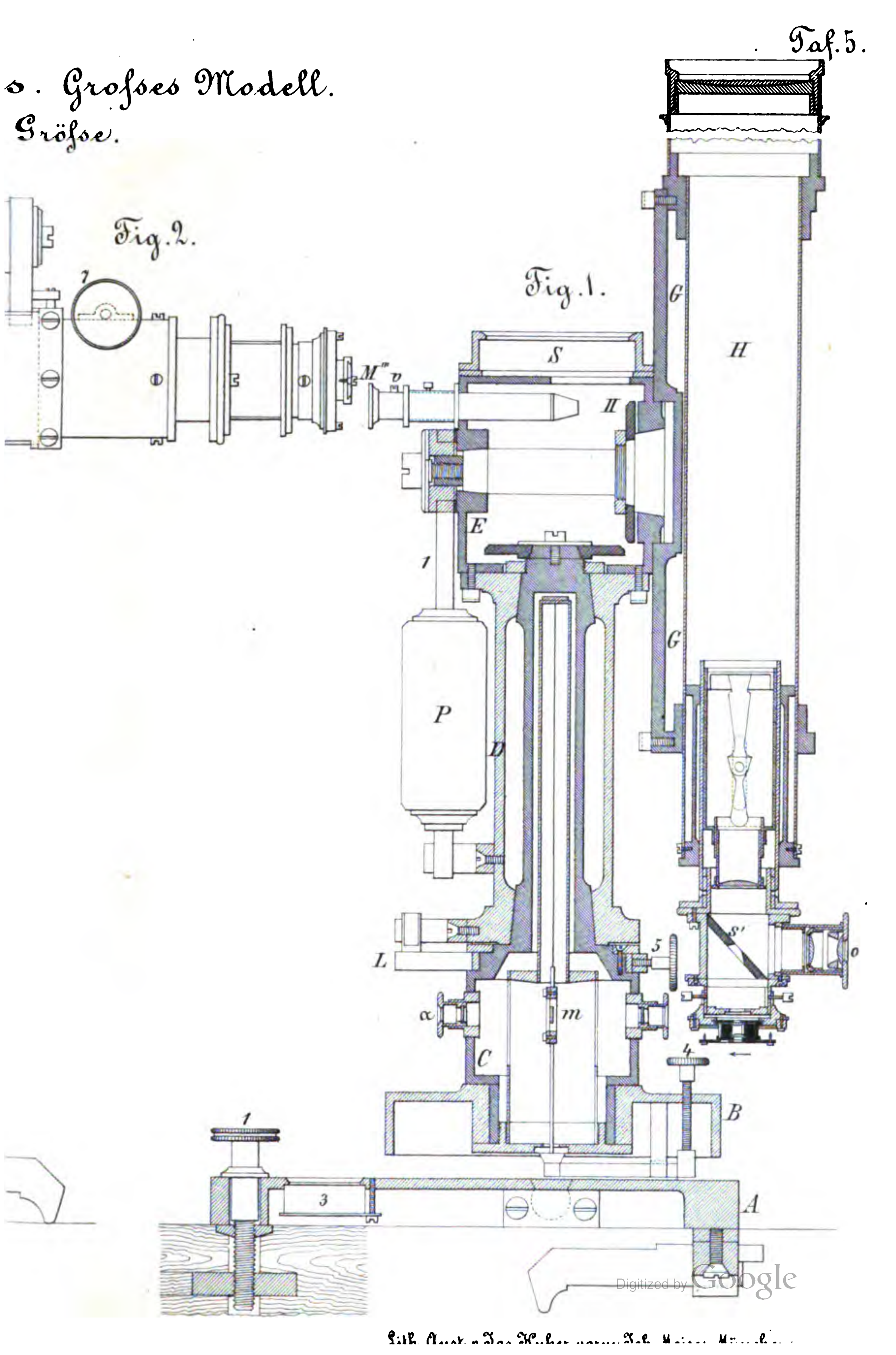
B

C

A

H

Fig. 3a.


Taf. 5.
s. Grosses Modell.
Grösse.
Fig. 2.
Fig. 1.
S
H
G
E
P
D
L
m
C
B
A
o
S'
α

Salmojraghi's Cleps
Grosses Modell.

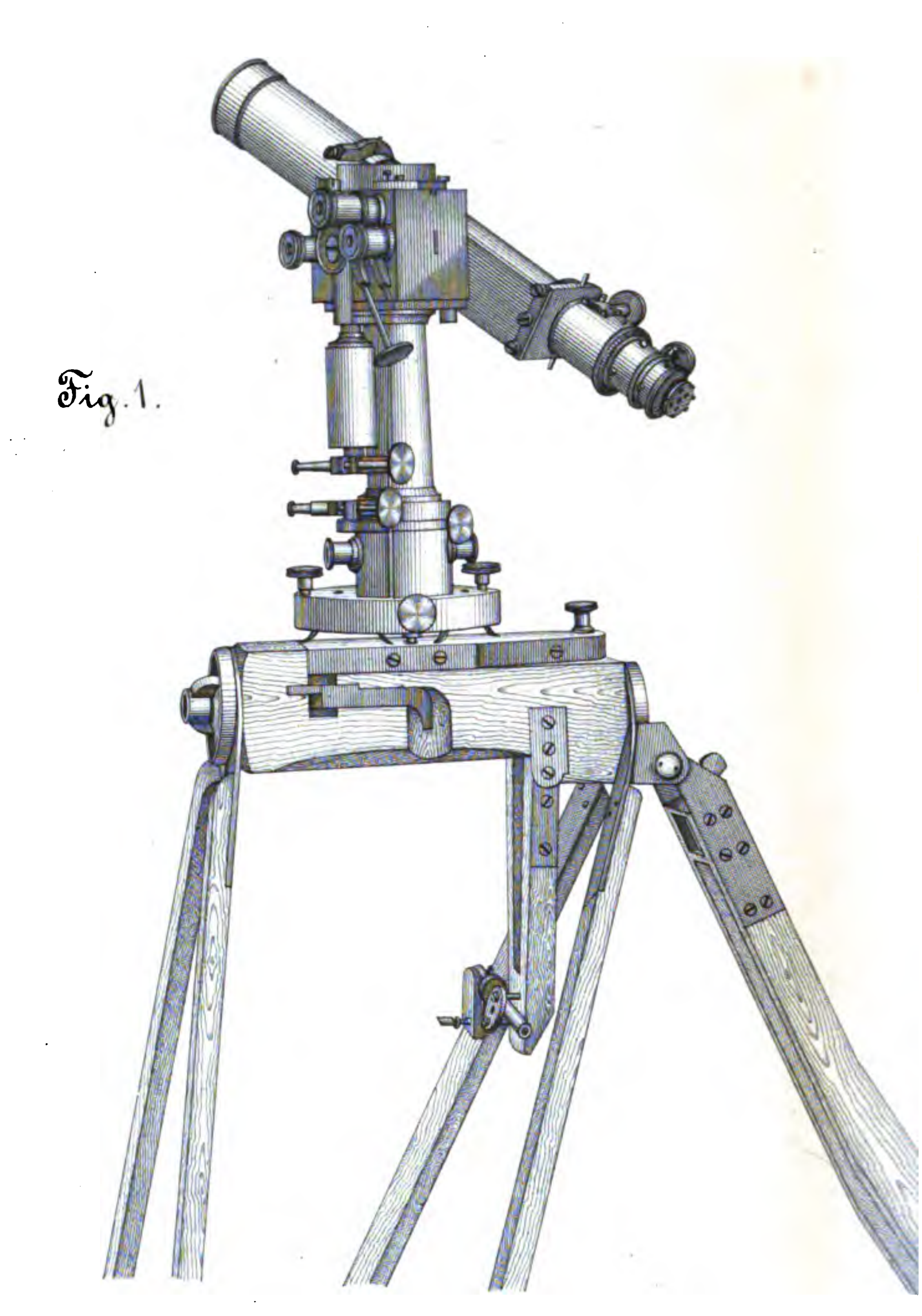
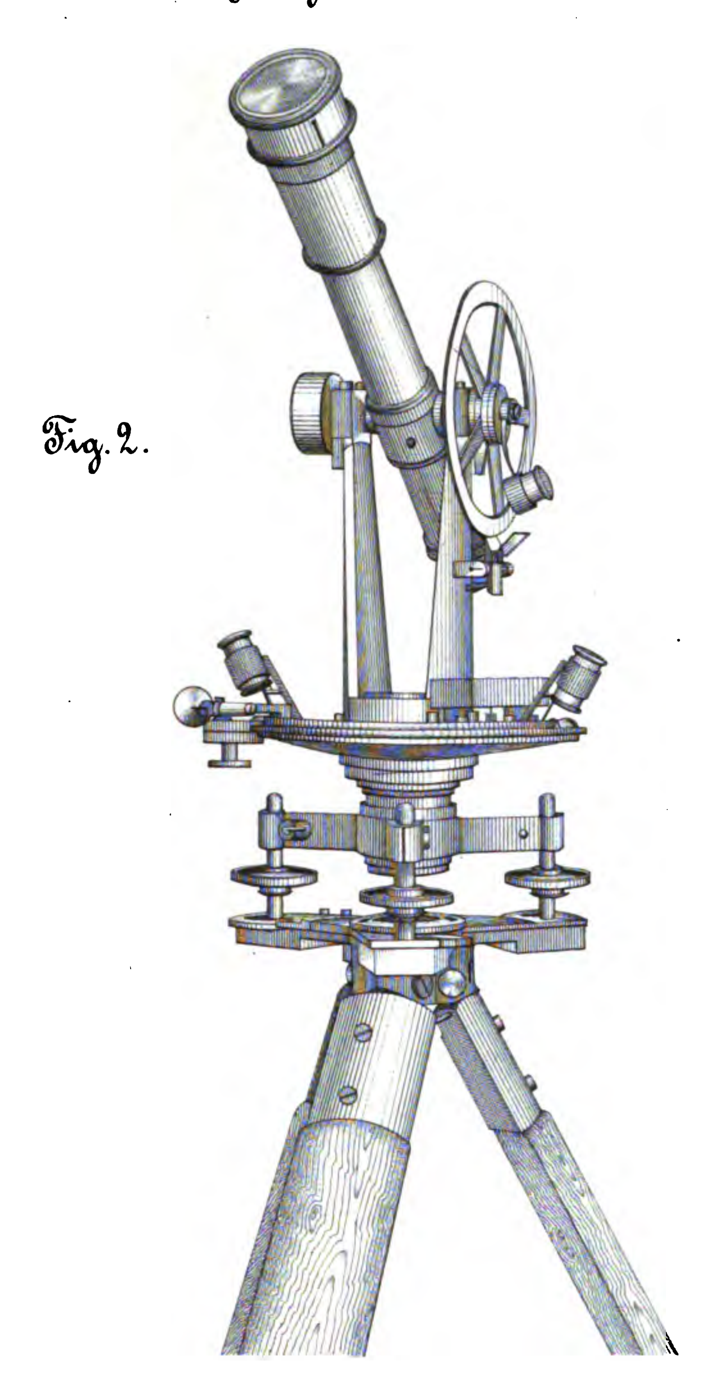


Fig. 1.

Salmojraghi's Tacheometer.

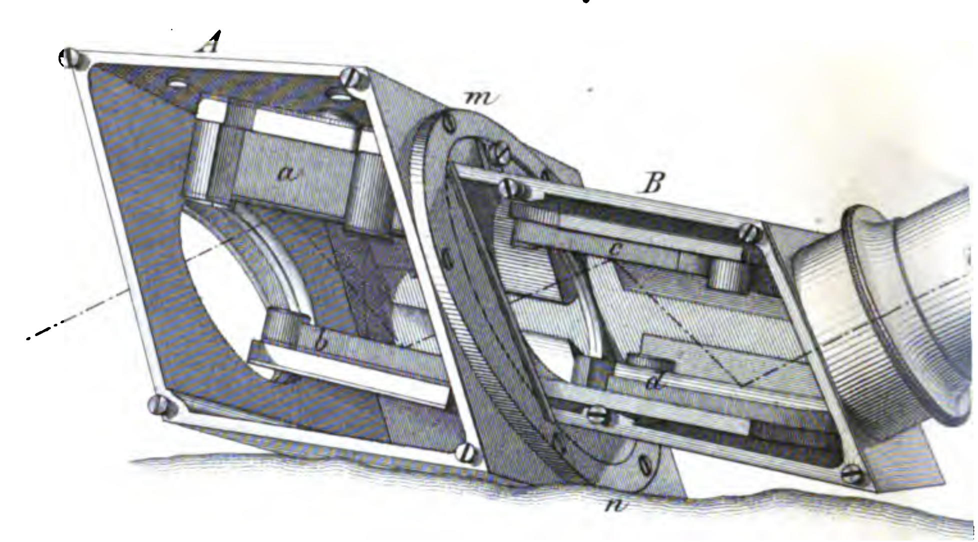
Fig. 2.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

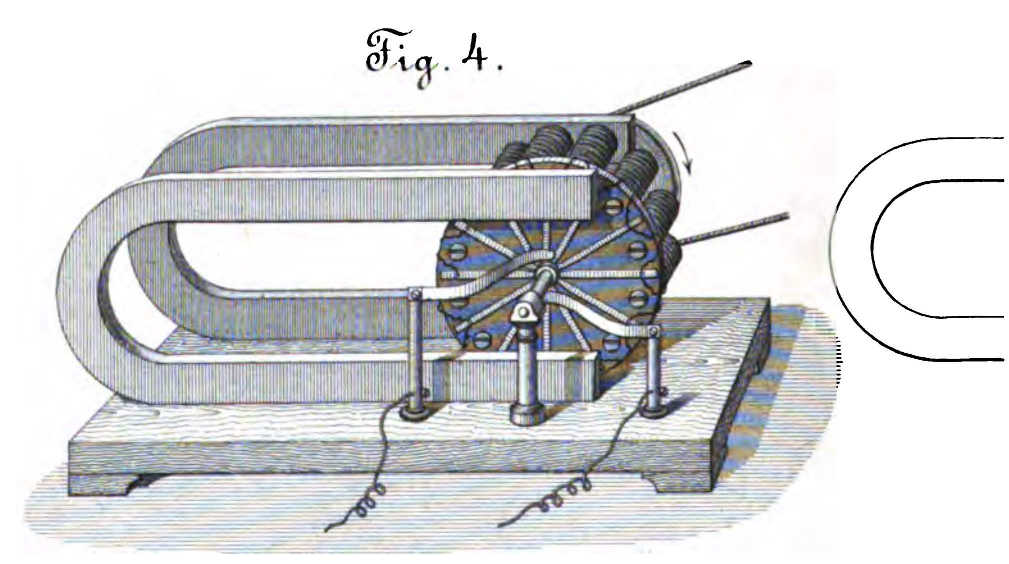
Das Helioskop von S. Merz.

Fig. 1.

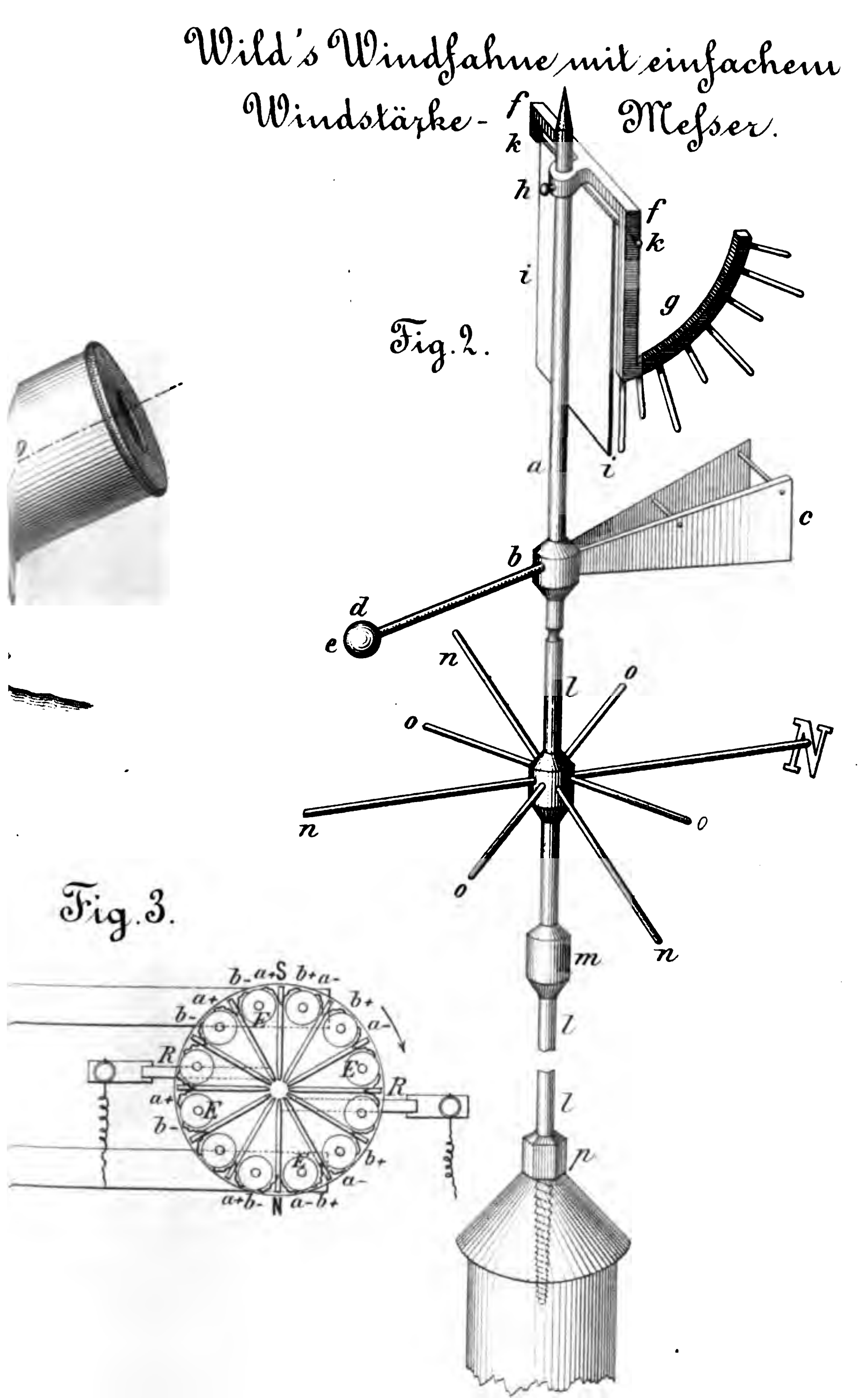


Alfr. Niaudet Breguet's Magnetelectrische Maschine

Fig. 4.

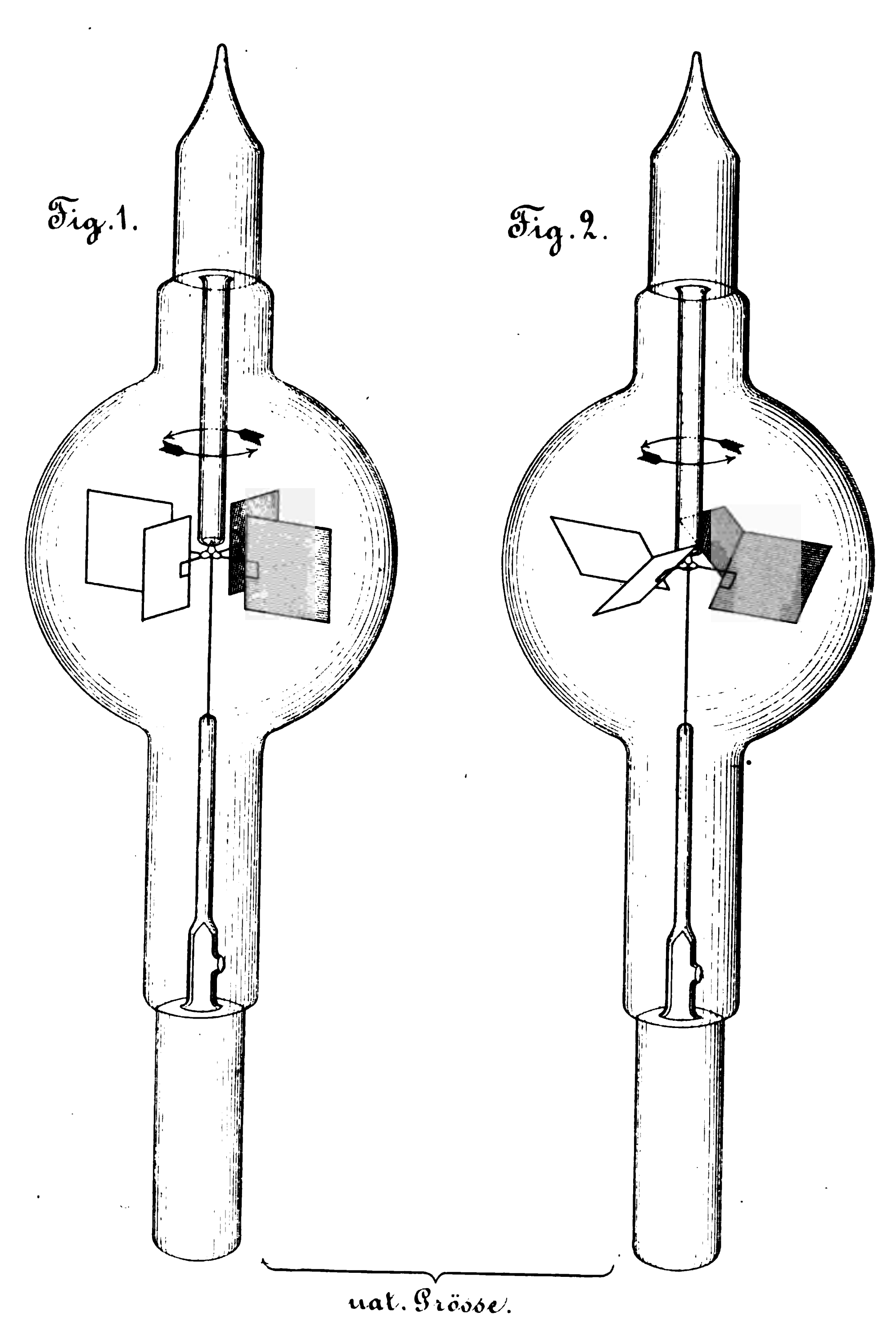


Wild's Windfahne mit einfachem Windstärke-Messer.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

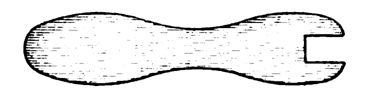
Weinhold's Radiometer.



Sohncke's Raumgitter.

Fig. 3.

Fig. 4.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

Fig. 2.

Schmelzpunct des Sn.

Schmelzpunct des Bi.

Schmelzpunct des Pb.

Bi. Sb.

Sn. Sb.

Bi. Fe.

Bi.

Fe. Sn.

Sn. Zn.

10·0 9·5 9·0 8·5 8·0 7·5 7·0 6·5 6·0 5·5 5·0 4·5 4·0 3·5 3·0 2·5 2·0 1·5 1·0 0·5

120 40 60 80 200 20 40 60 80 300 20 40 60 80

Verhalten einiger Metalle beim Schmelzen u. Erstarren.

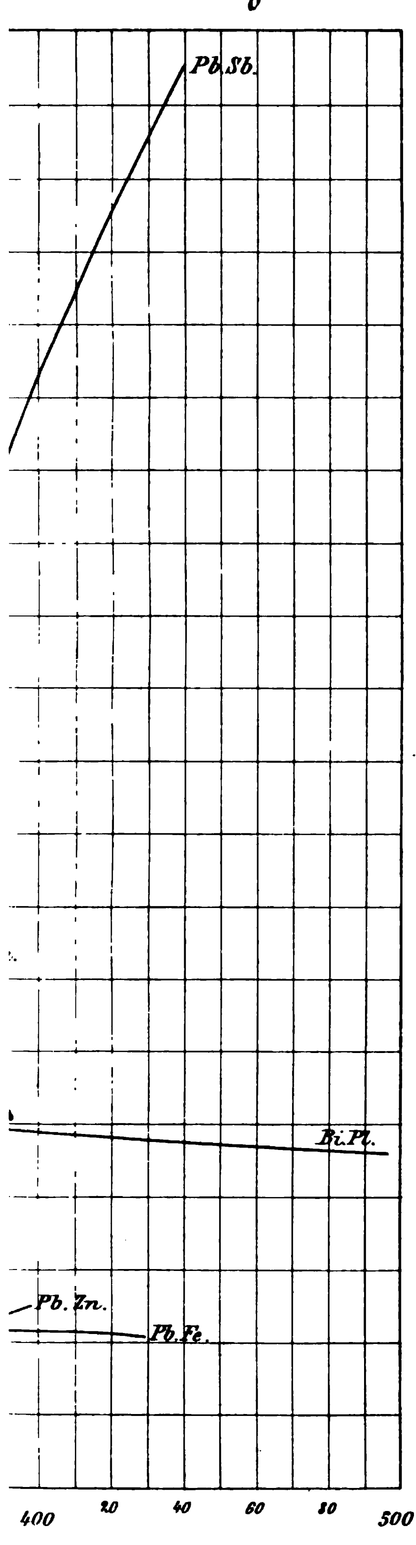
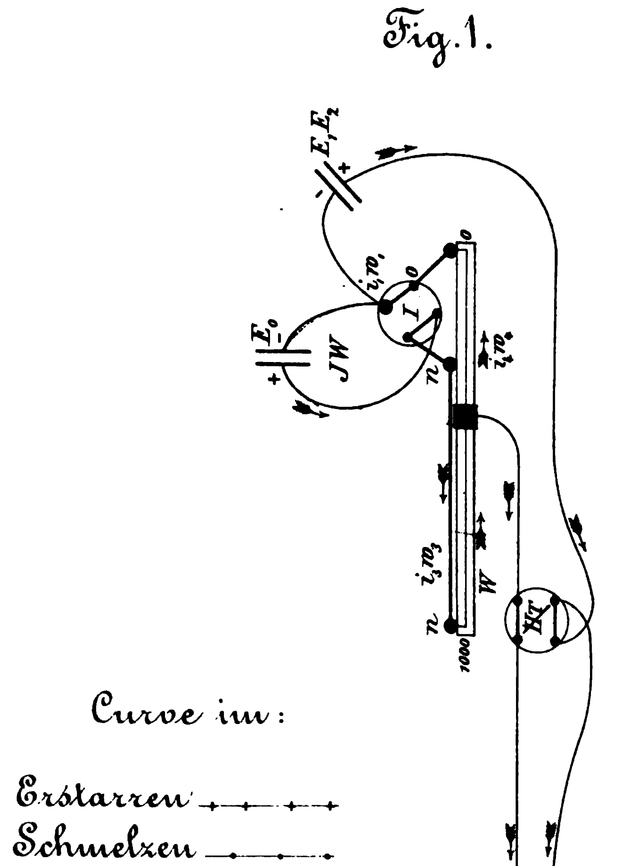


Fig. 1.



Curve im:

Erstarren +—+—+—+

Schmelzen •—•—•—•

Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

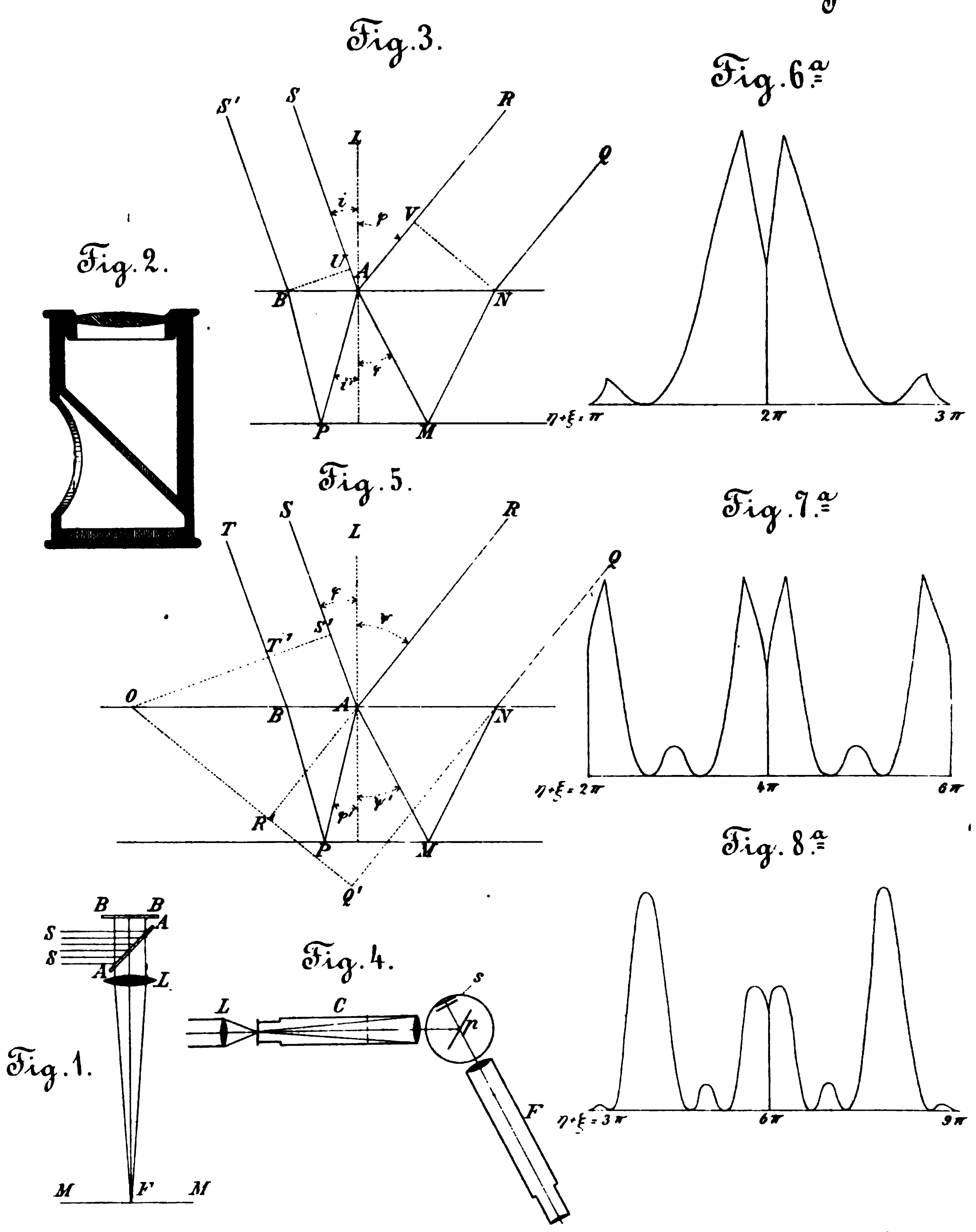
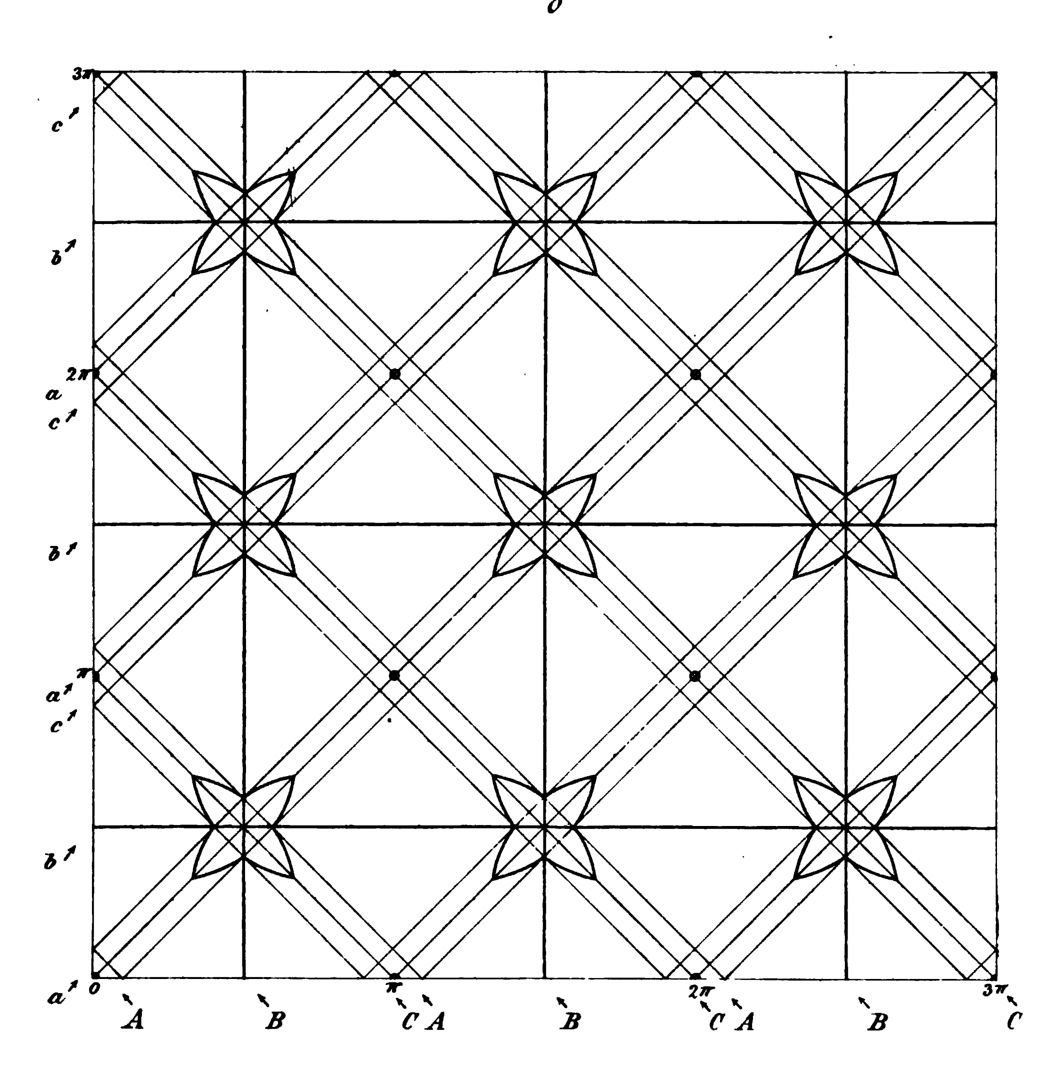

Fig. 3.
S'
S
R
L
Q
i
p
V
U
A
B
N
i'
r
P
M
Fig. 6.a
$\eta + \xi = \pi$
2π
3π
Fig. 2.
Fig. 5.
T
S
L
R
Q
r
S'
T'
O
B
A
N
R'
P
M
Q'
Fig. 7.a
$\eta + \xi = 2\pi$
4π
6π
Fig. 8.a
$\eta + \xi = 3\pi$
6π
9π
B
B
A
S
S
A
L
Fig. 1.
M
F
M
Fig. 4.
L
C
s
p
F

Fig. 6.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

Fig. 7.

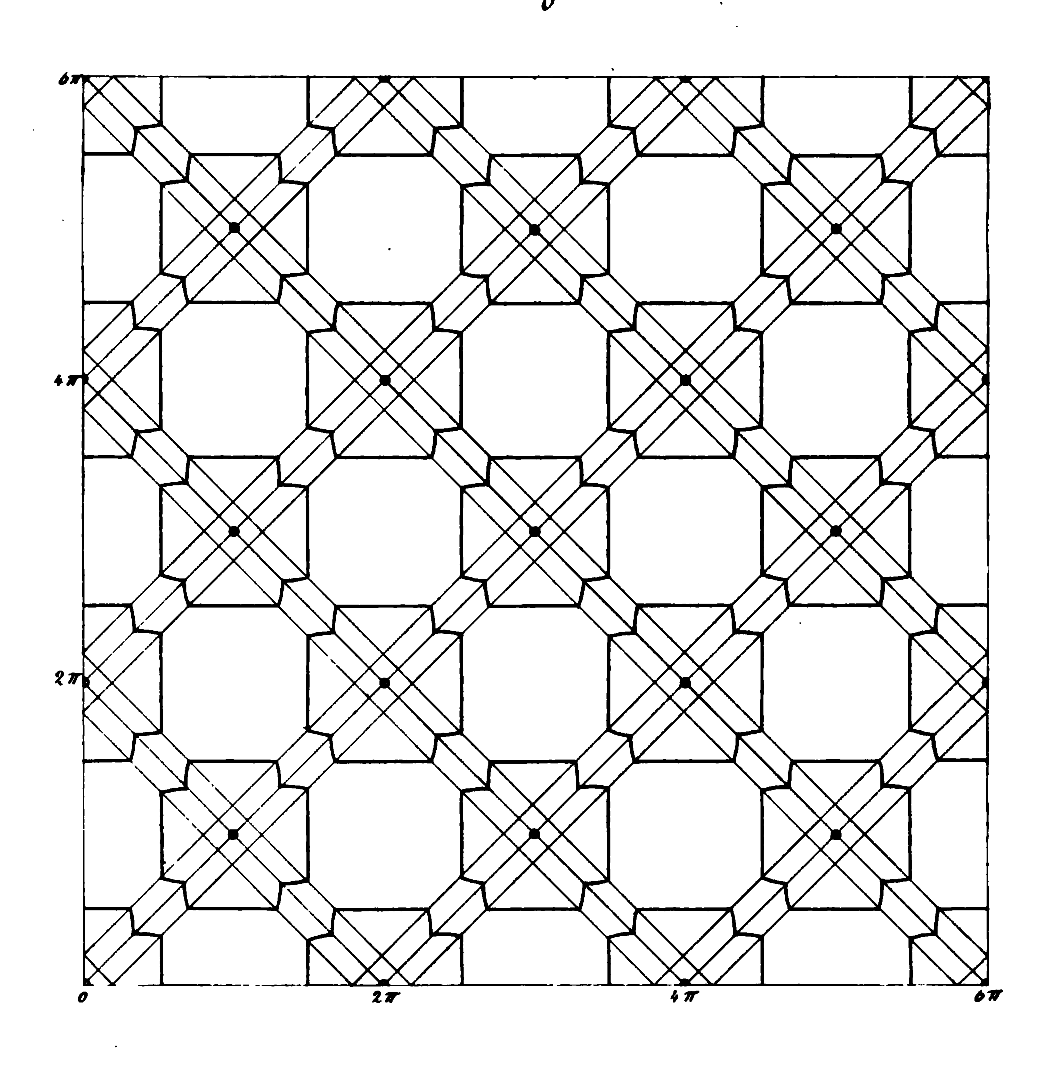
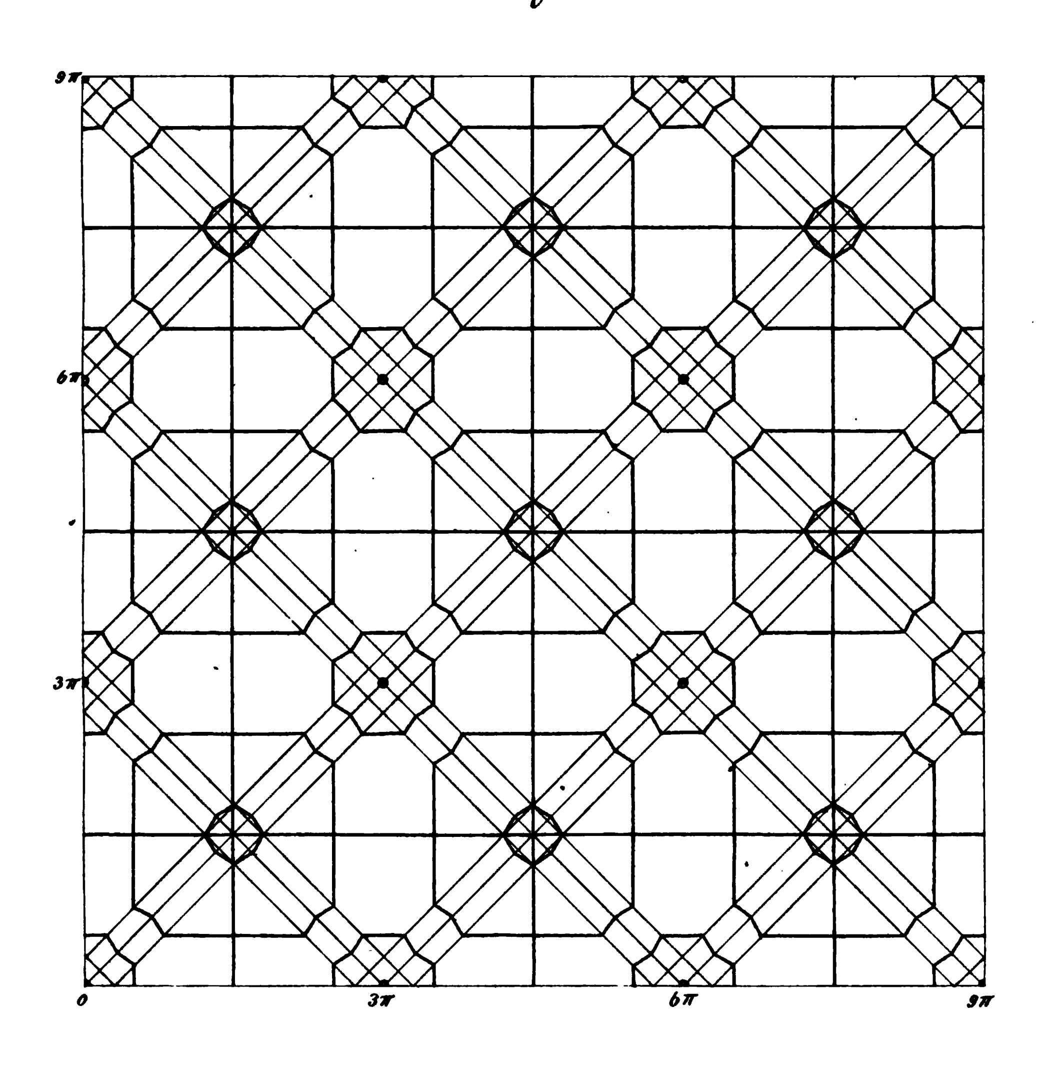
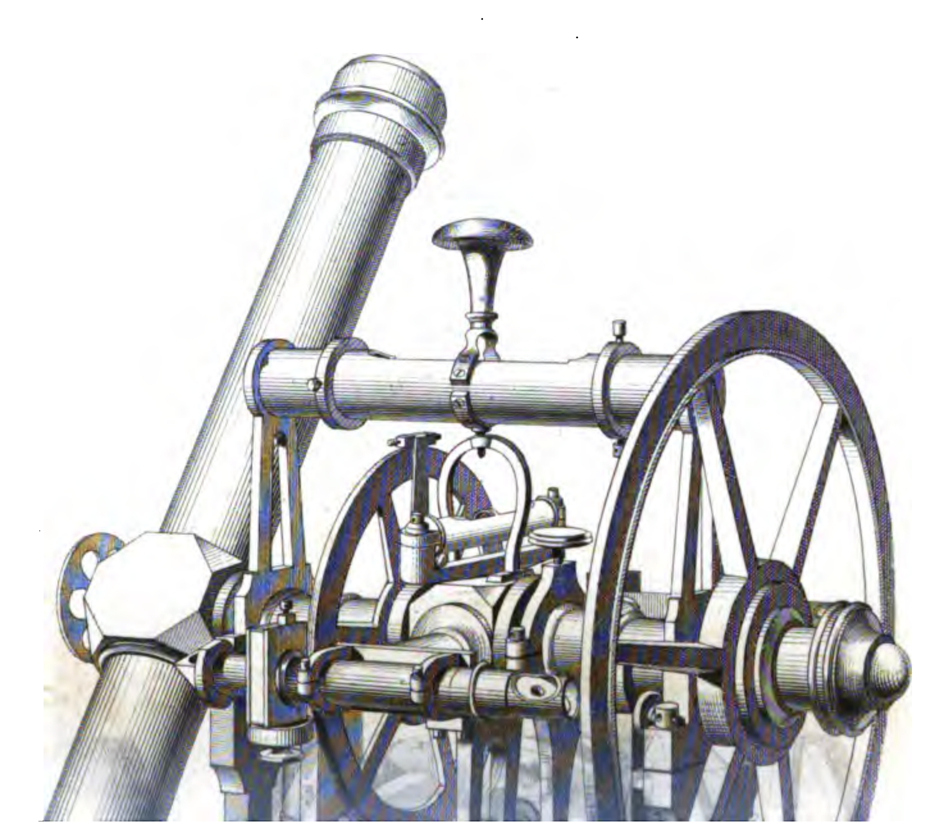


Fig. 8.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

Breithaupt's astronom. Universal-Jnstrument.



Ph. Carl's
Repertorium Bd. 12.

Lith. Anst. v. Gebrüder Obpacher, München.

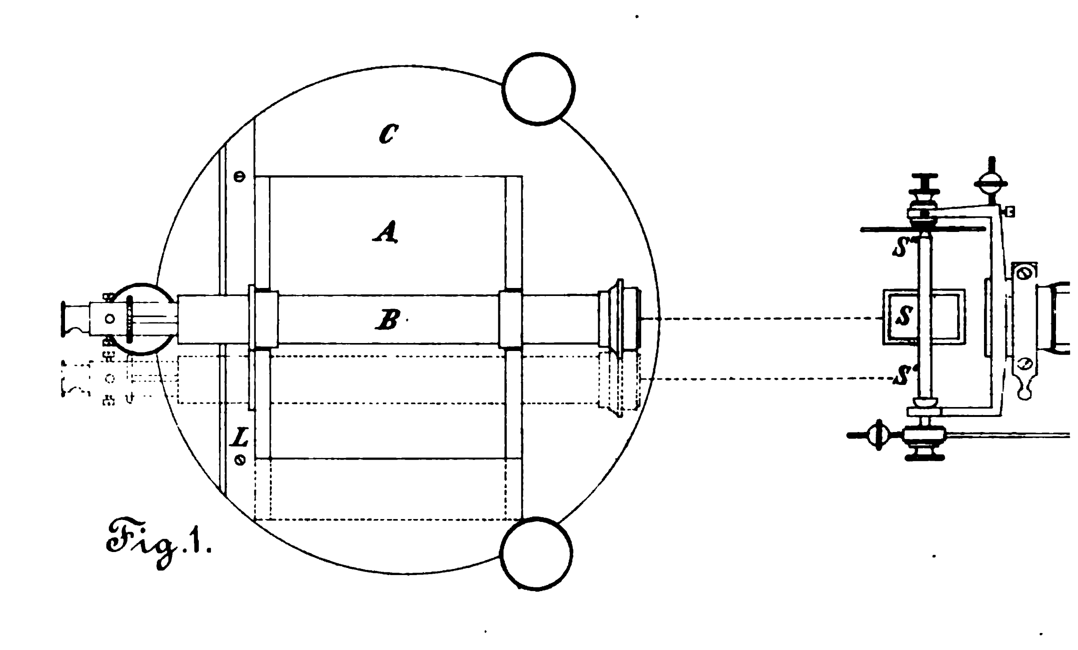


Fig. 1.

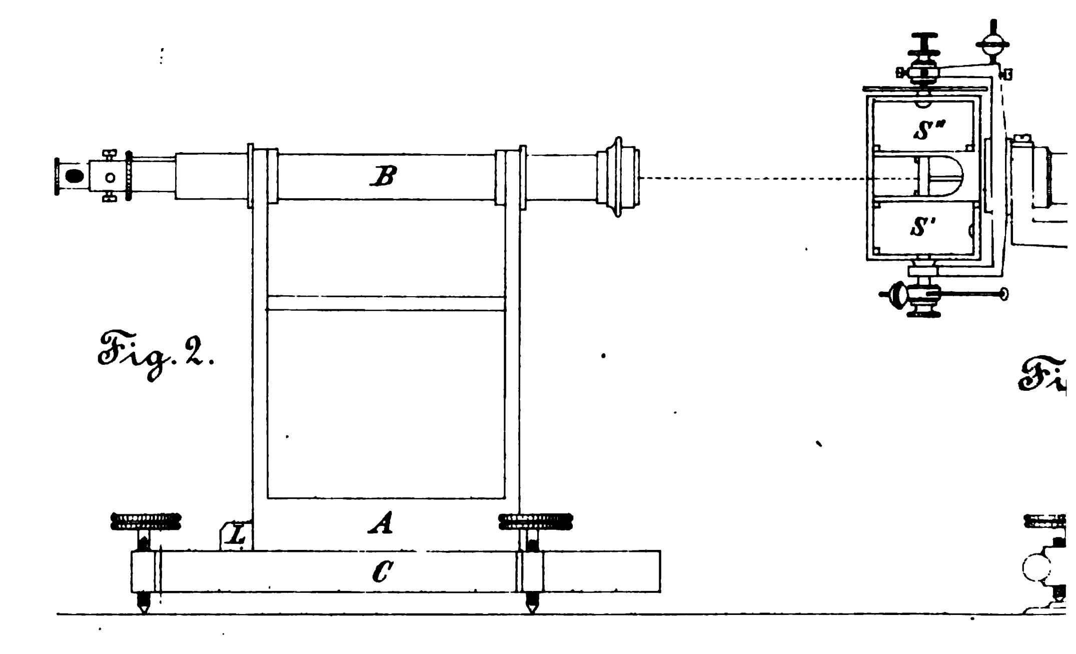


Fig. 2.

…s Gauss'schen Heliotrops.

Fig. 3.

s

a a a

M

b b

Fig. 6.

…g. 4.

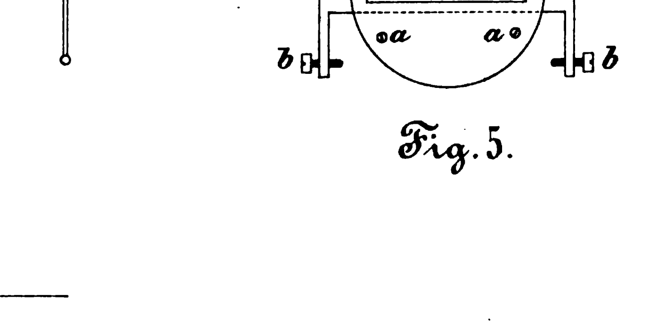


Fig. 5.

Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

Wroblewski. Über die Diffusion der Gase durch absorbirende Substanzen.

Fig. 1.

Kitt aus Wachs und ven. Terp.

Kitt aus Wachs und Colophonium

Fig. 2.

Steinh

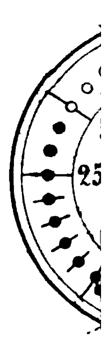


Fig. 4.

Papin's Maschine durchs Feuer das Wasser zu heben.

Fig. 3.

A B C D E F G H J K

…user's Zimmerthermometer in Uhrform.

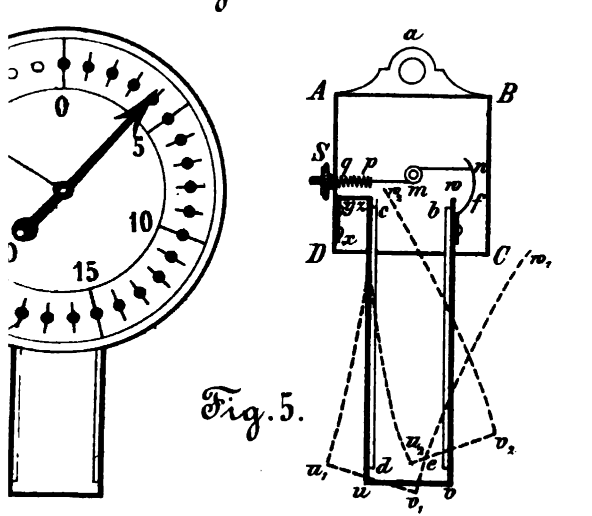


Fig. 5.

Steinhauser's Apparat um zu zeigen, daſs der Ausfluſs von Gasen in Röhren schneller erfolgt wie der von Flüssigkeiten.

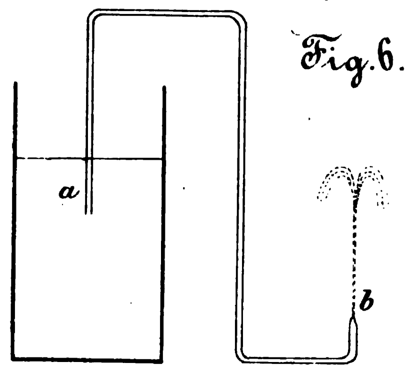


Fig. 6.

Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

Steinhauser. Stereosk

1|5 nat. G

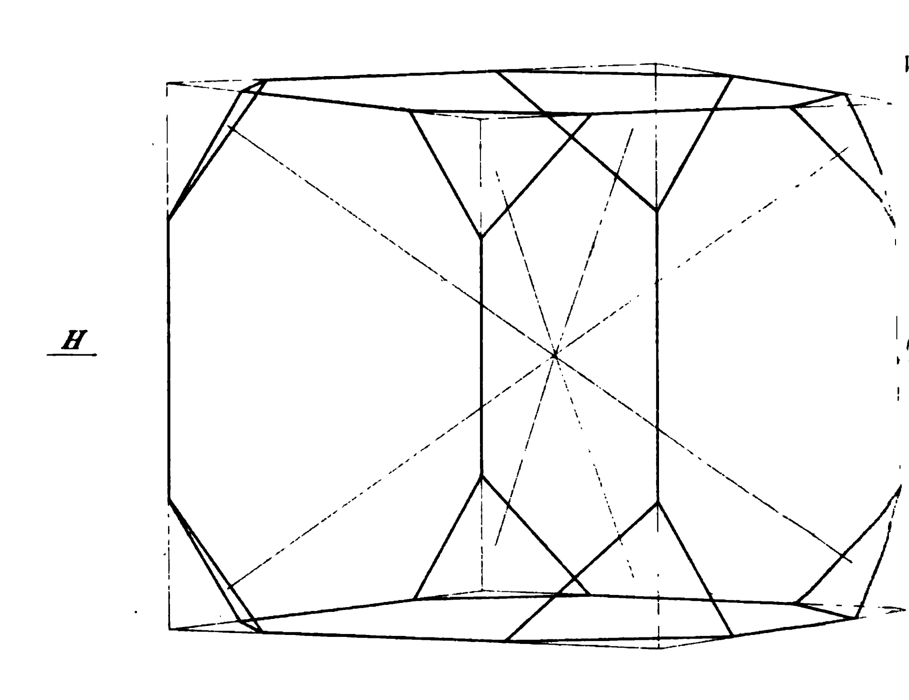
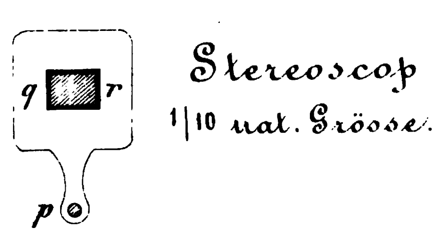


Fig. 4.



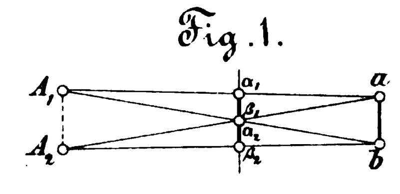
Stereoscop

1|10 nat. Grösse.

Stellung des M

1|5 n

Fig. 1.



skopische Wandtafel.

Grösse.

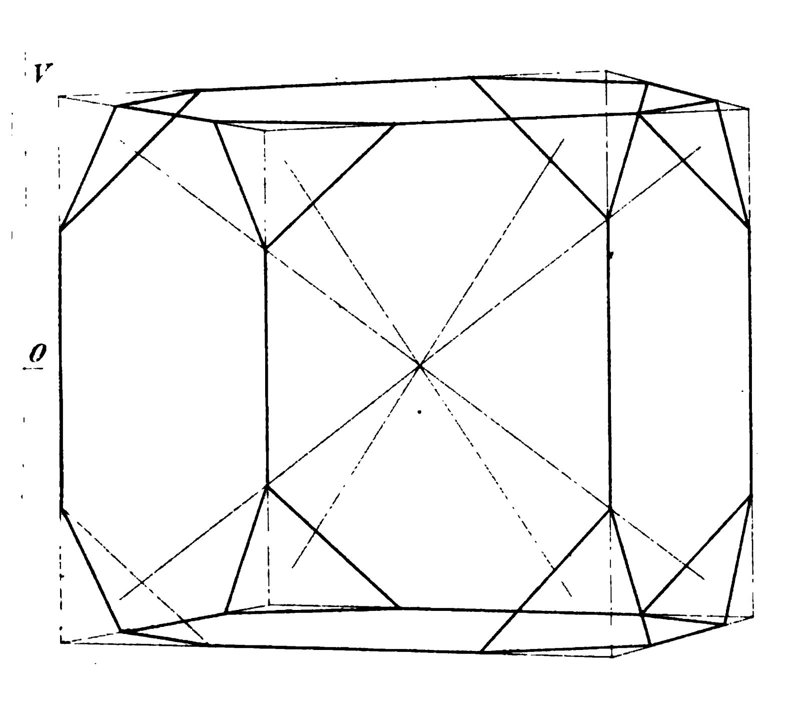


Fig. 5.

Stereoscopausschnitt
1/5 nat. Grösse.

g. 3.
rfels im Grundriss
. Grösse.

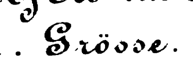
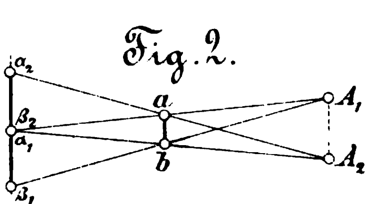
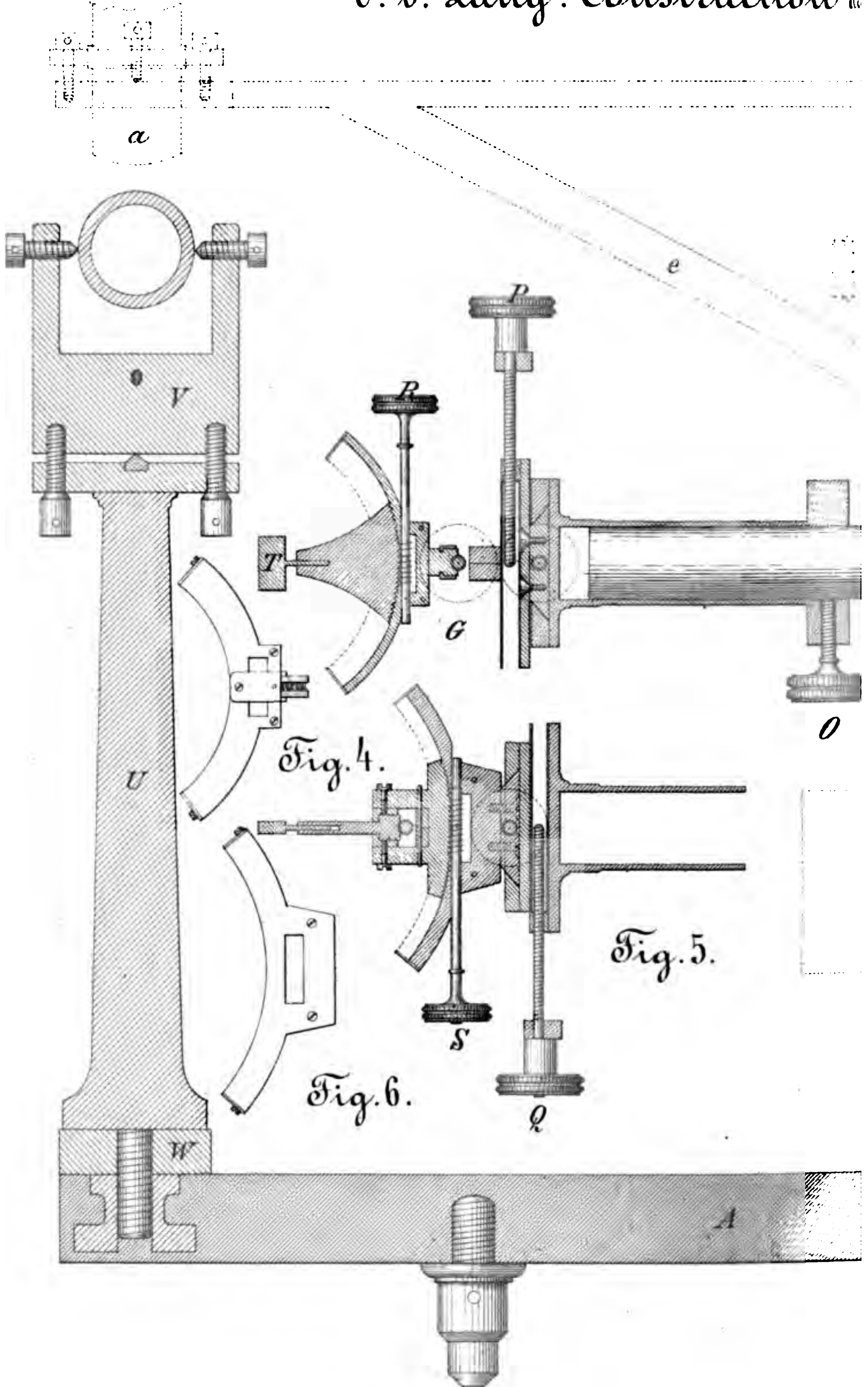


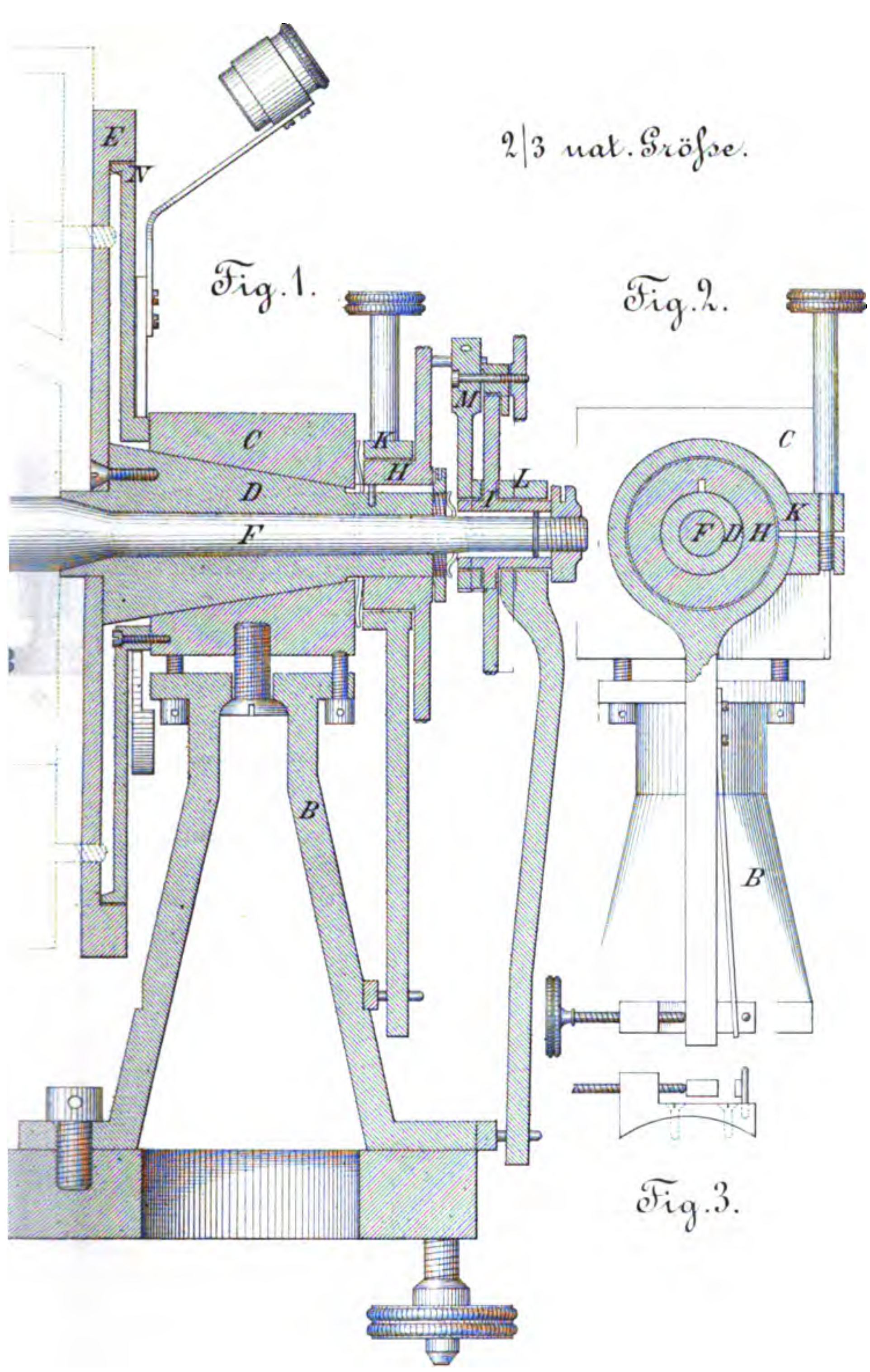
Fig. 2.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München

V. v. Lang. Construction





Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

V. v. Lang. Constructio

Fig. 11.

Z

V

U

Fig. 12.

P

R

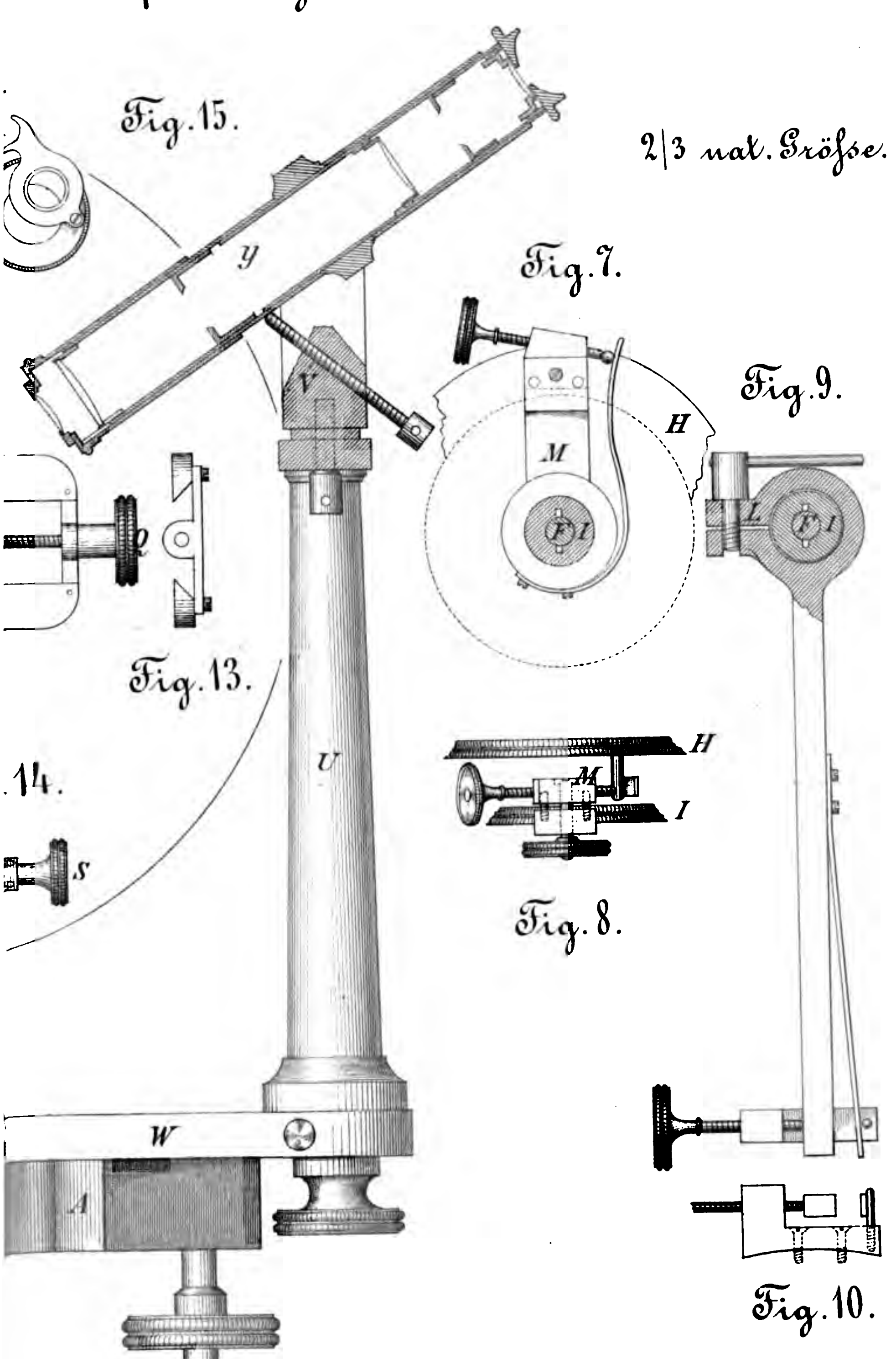
Fig

Fig. 17.

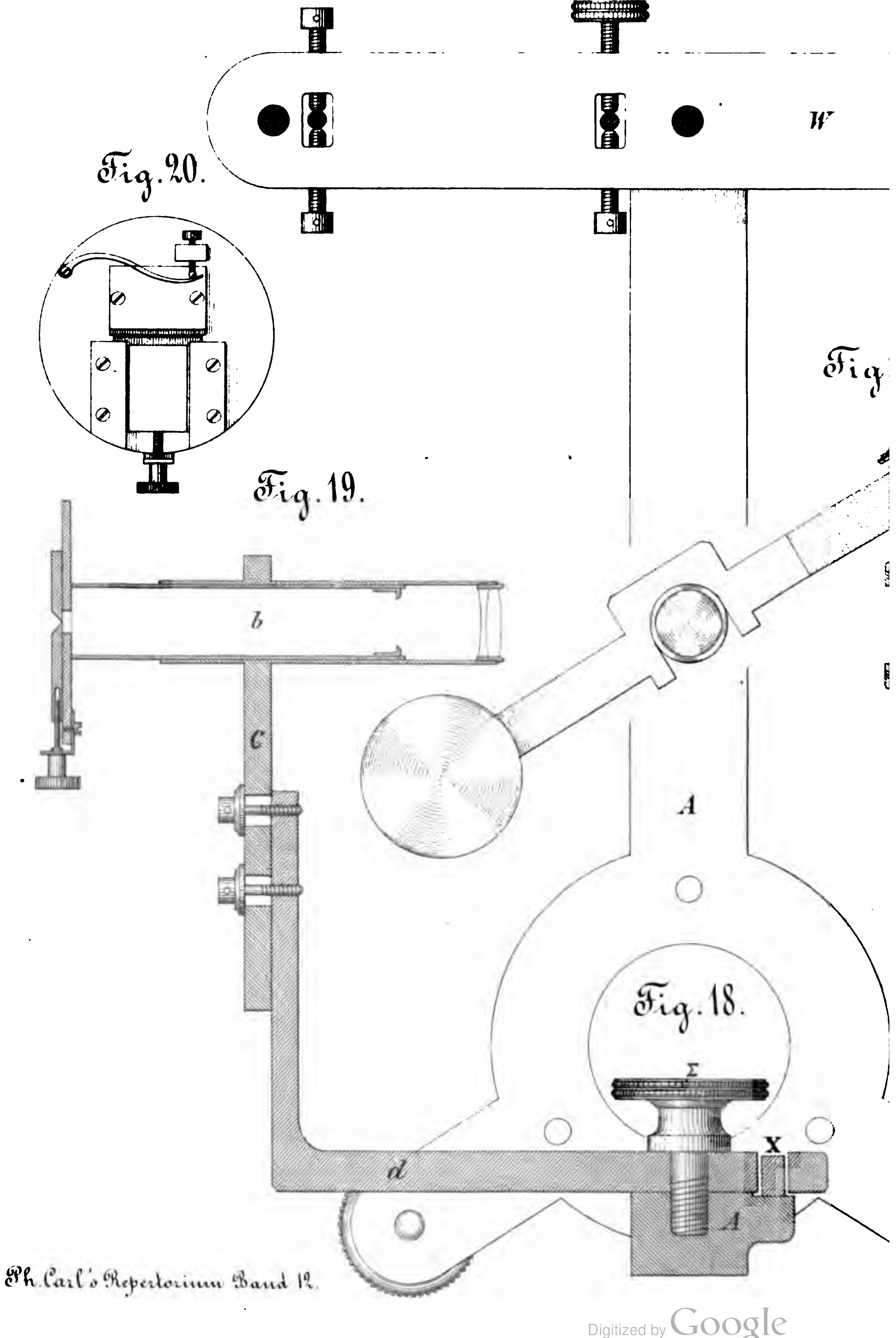
Fig. 16.

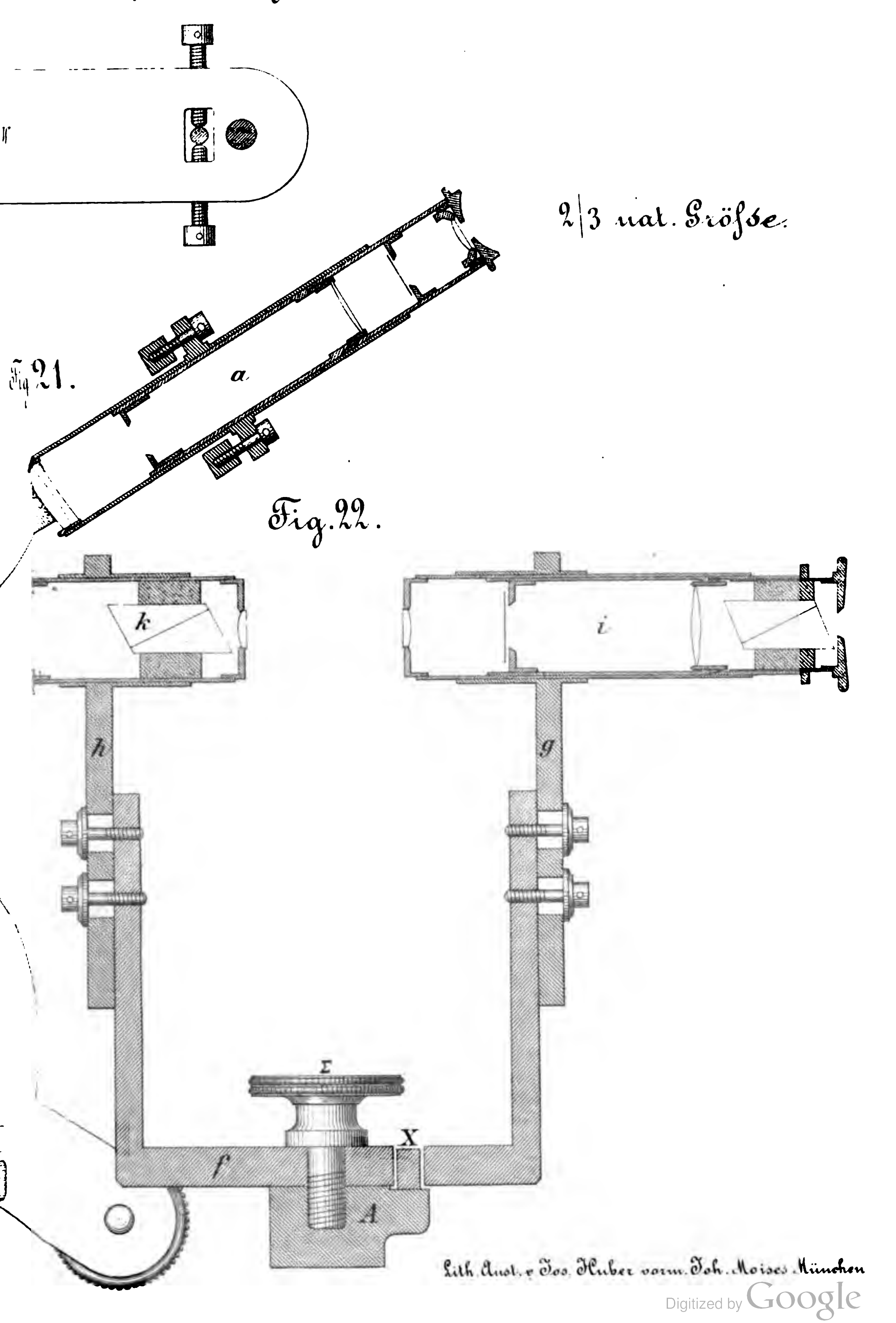
Y

des Reflexionsgoniometer.



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.


W
Fig. 20.
Fig. 19.
b
c
A
Fig. 18.
Σ
X
d
A



Lith. Anst. v. Jos. Huber vorm. Joh. Moises München

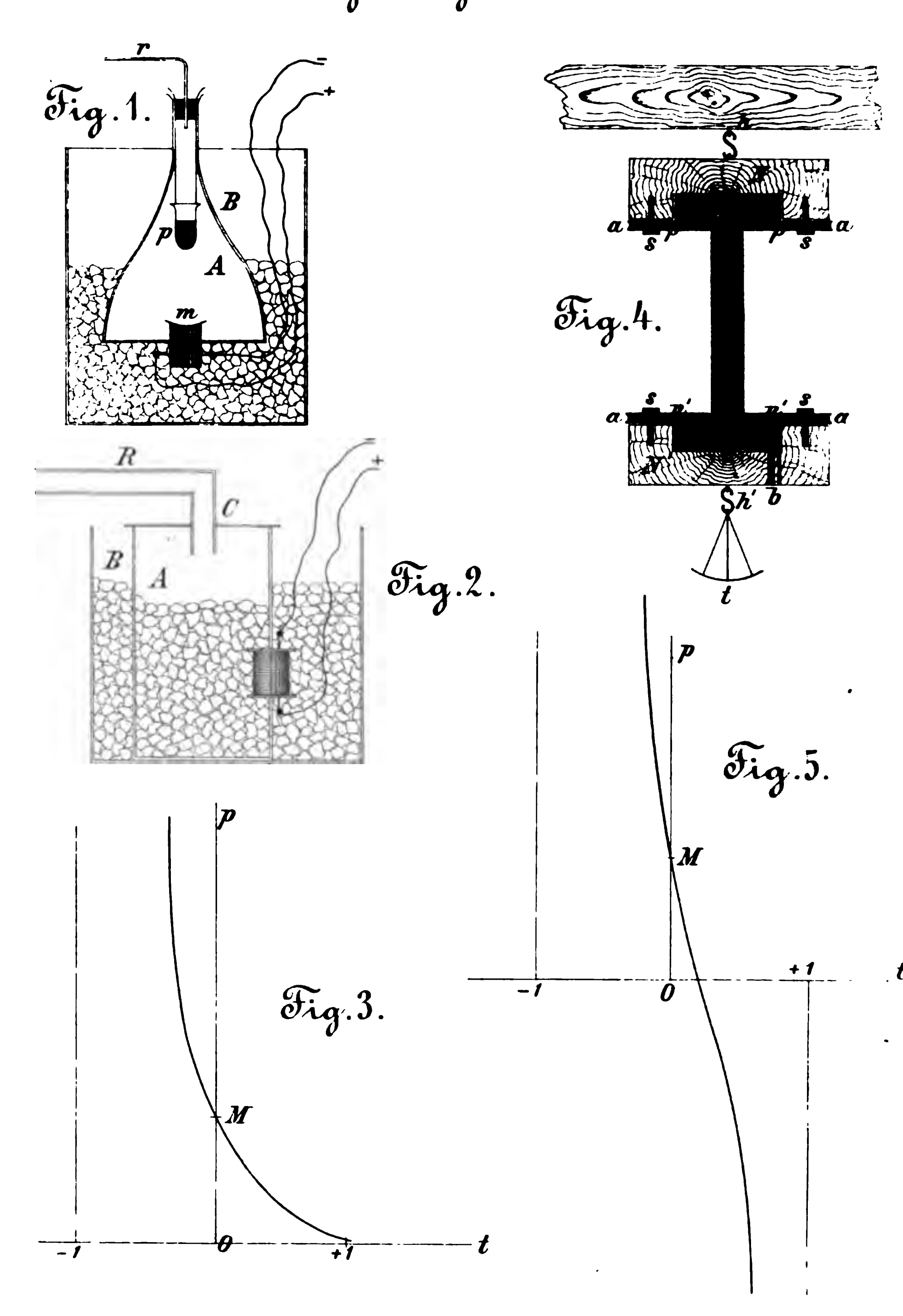
Elektrische Staubfiguren im Raum von E. Lommel.



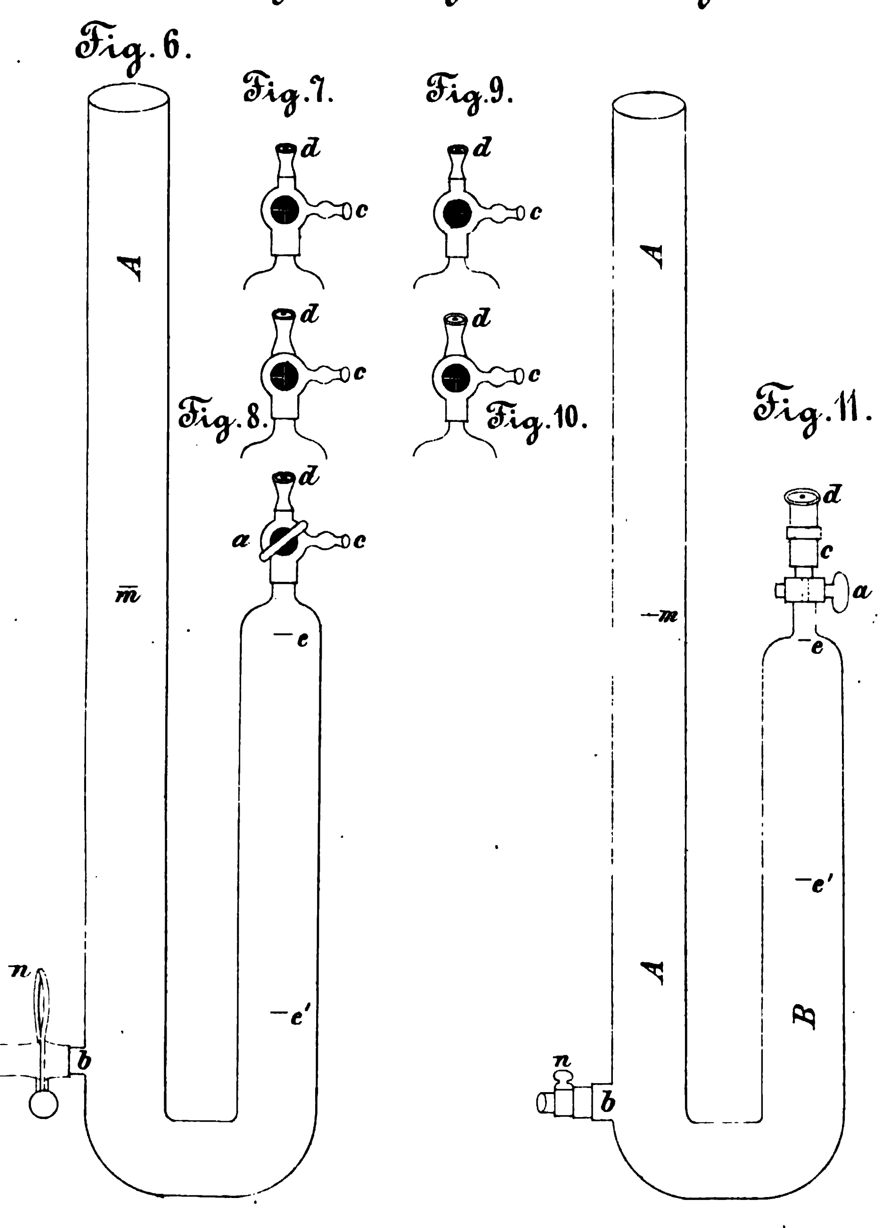
Elektrische Staubfiguren im Raum von E. Lommel



Fabian. Beitrag zur Kenntniss der Spannungscurv
des gesättigten Wassers.

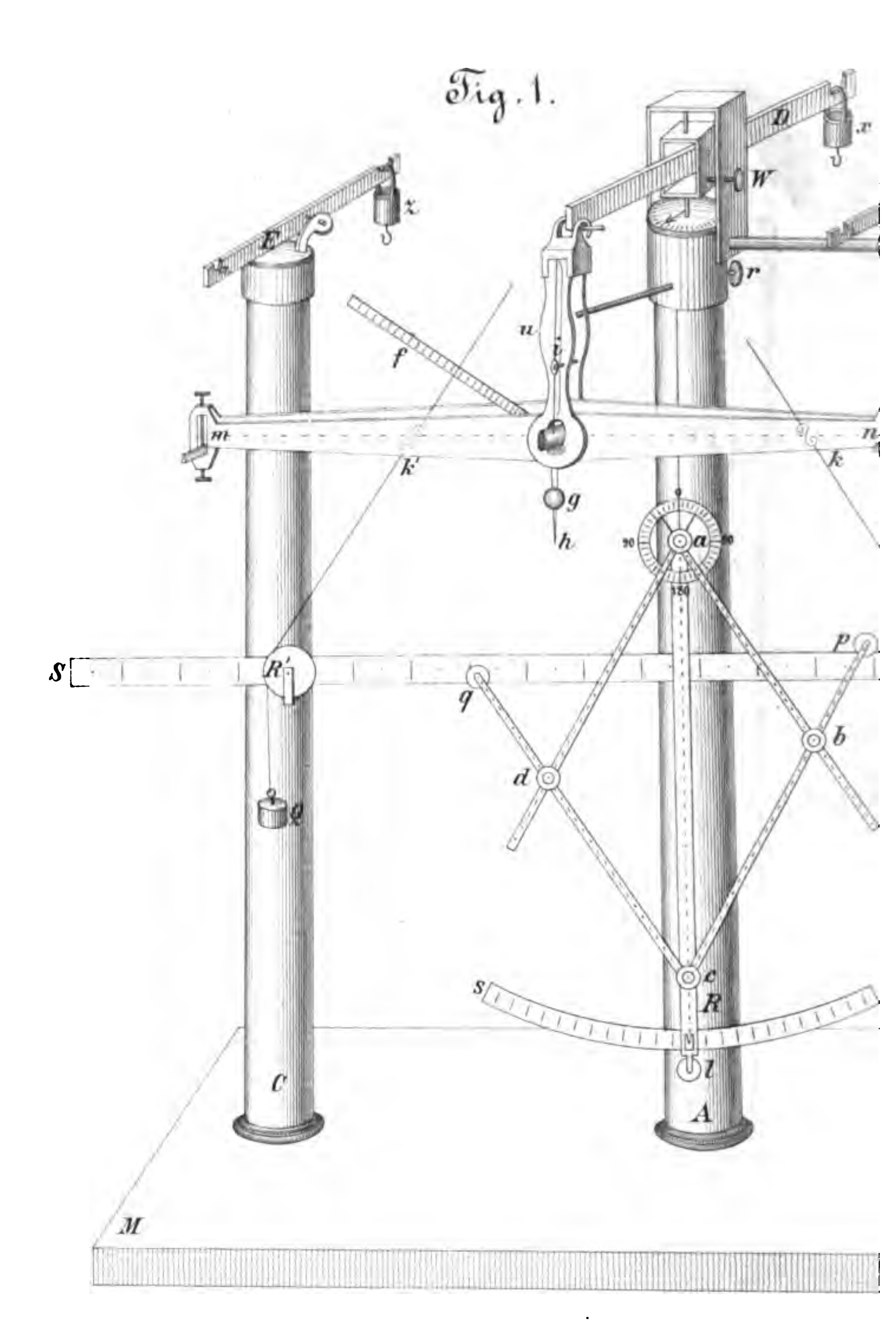


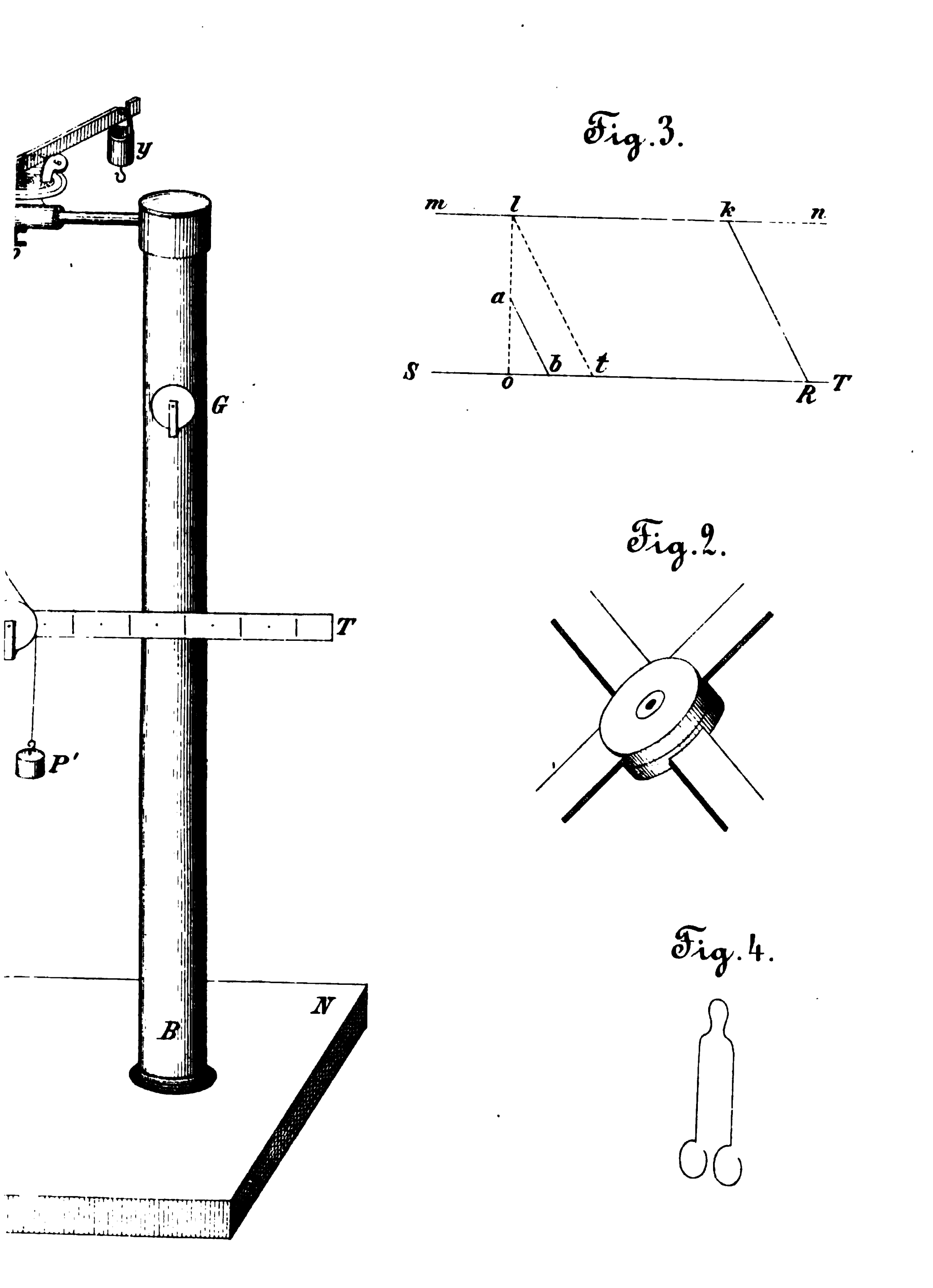
Wagner's Apparat zur Bestimmung des specifischen Gewichts der Gase.



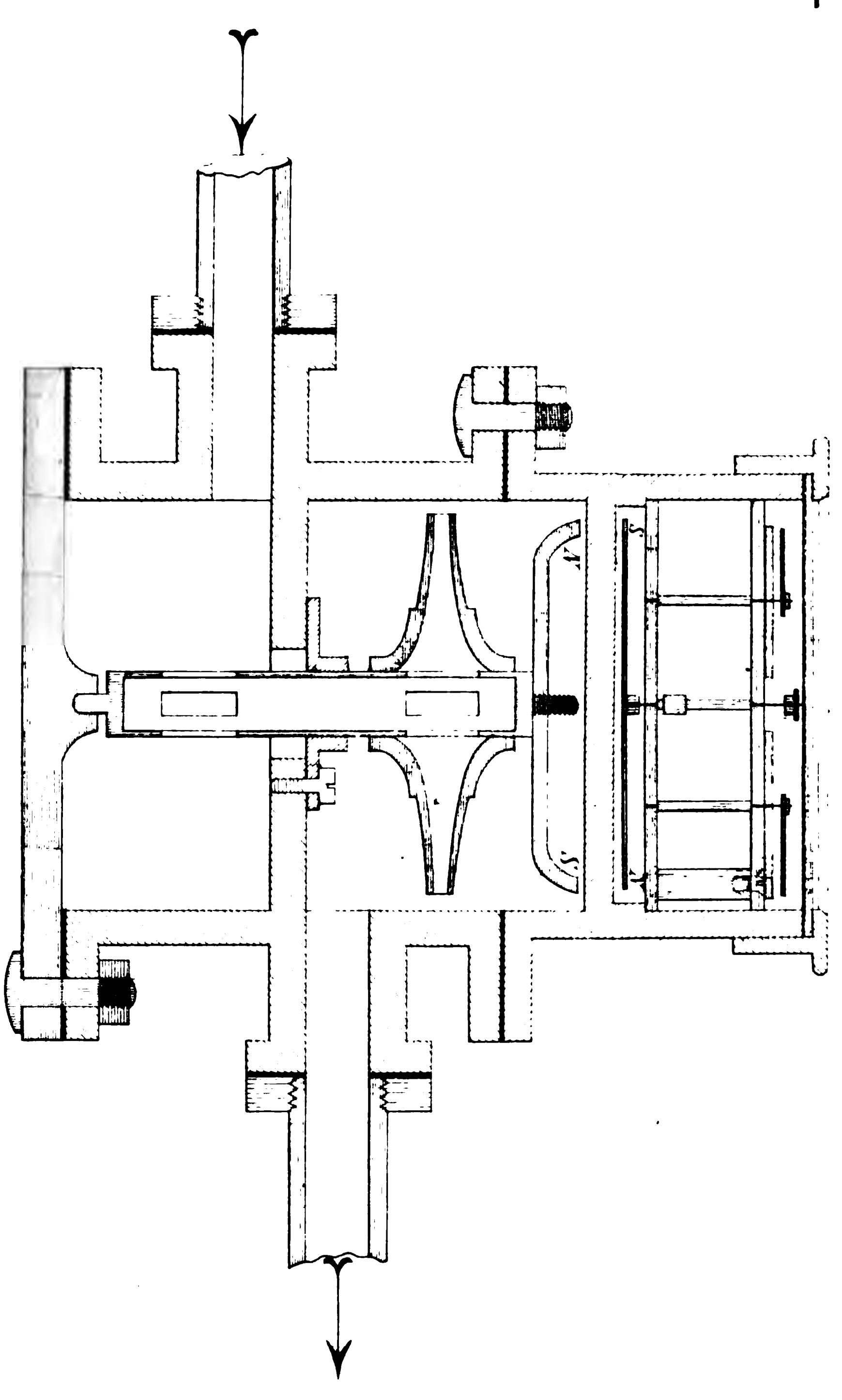
Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

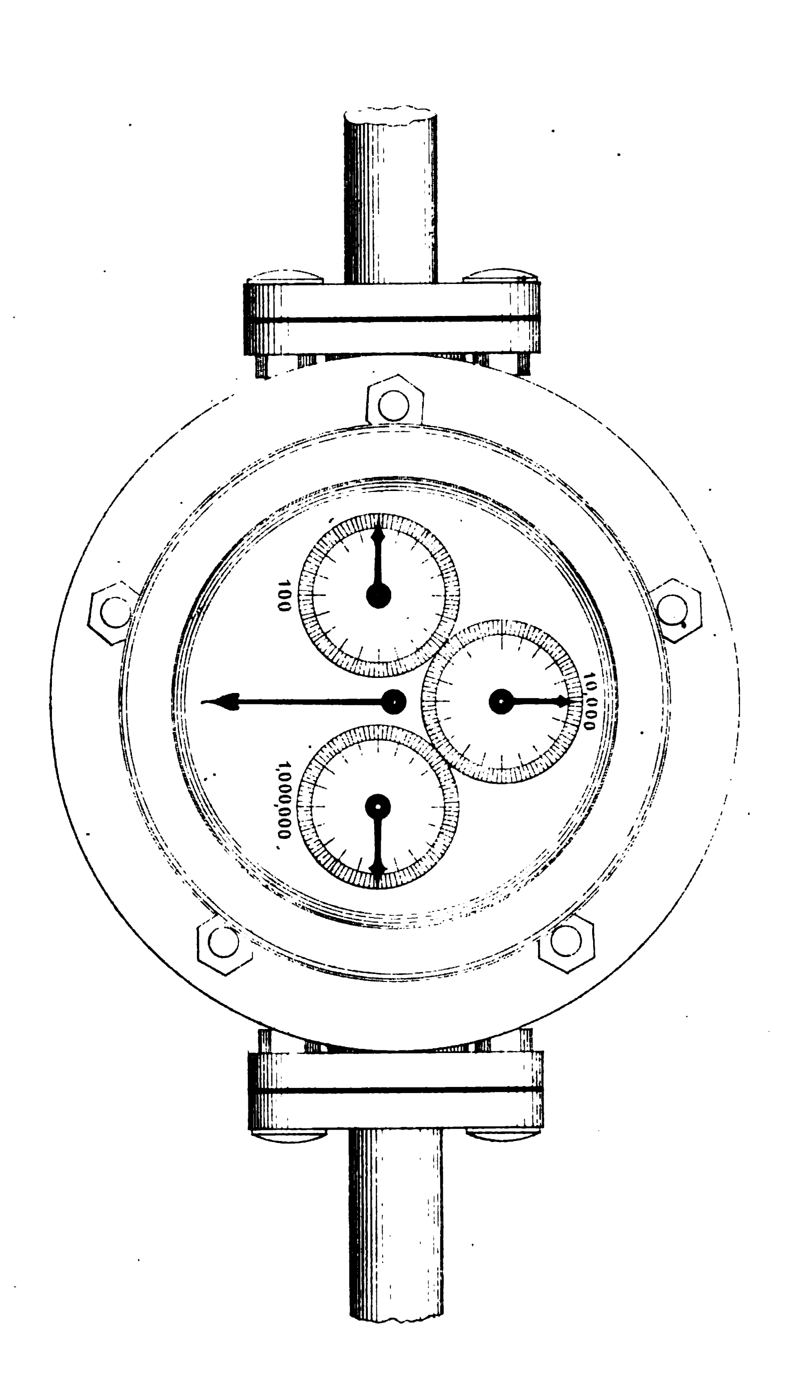
Tschechovitsch '





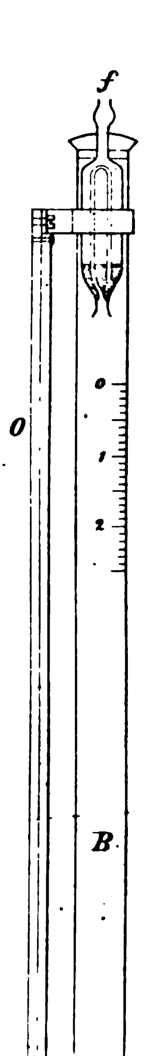
Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

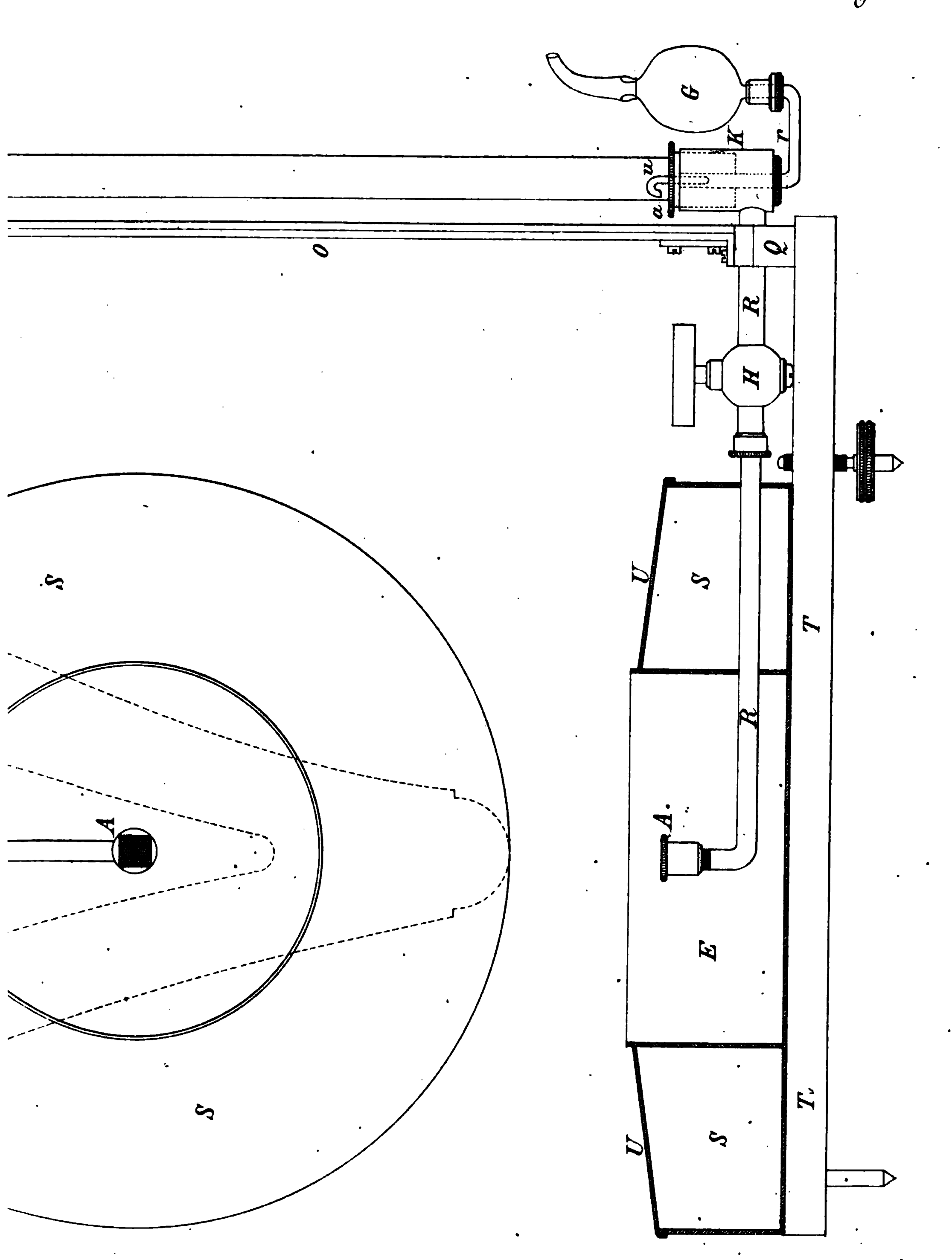

S
N
S



Lith. Anst. v. Jos. Huber vorm Joh. Moises München.

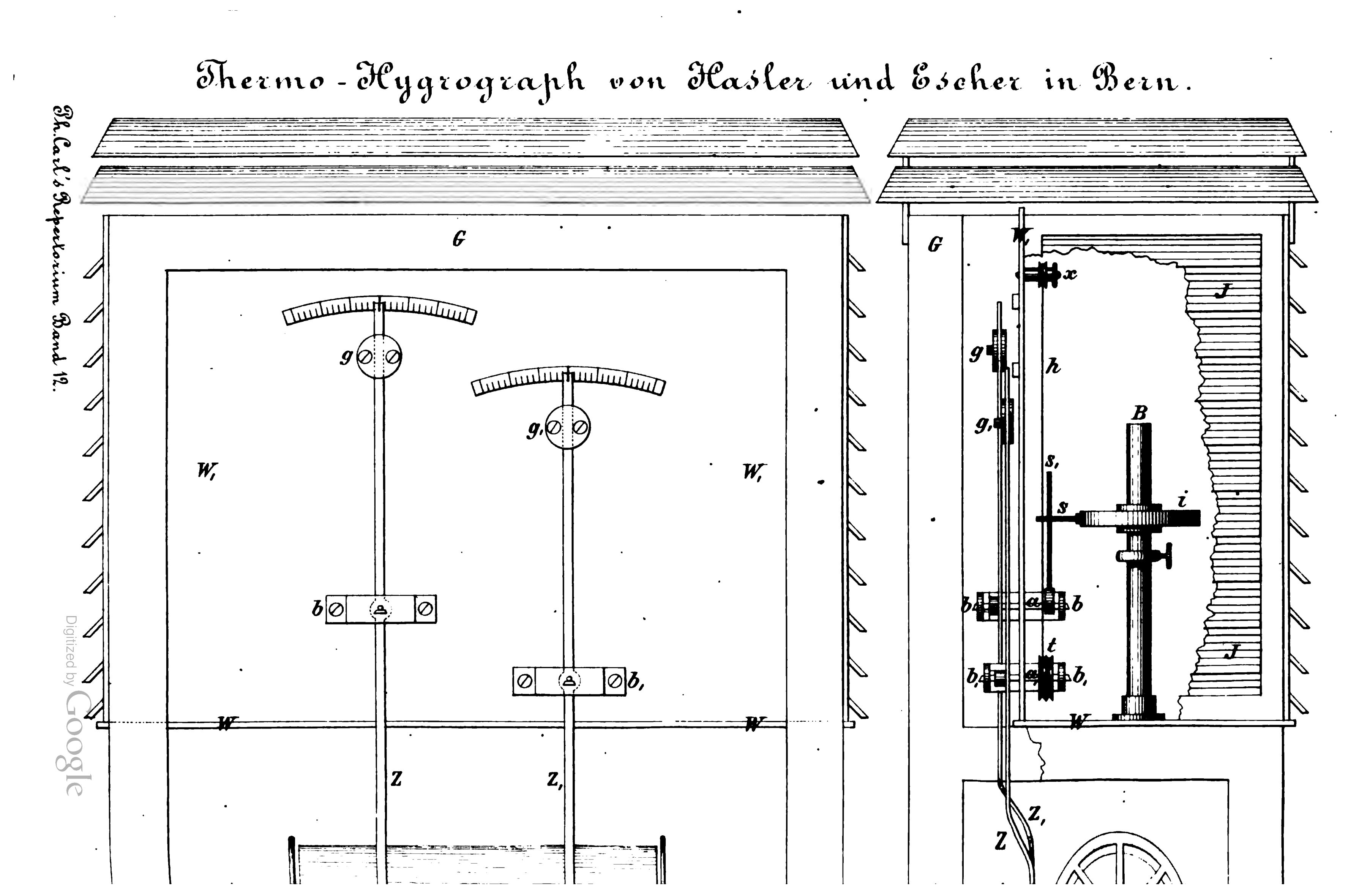
Atmometer von Morgenstern.



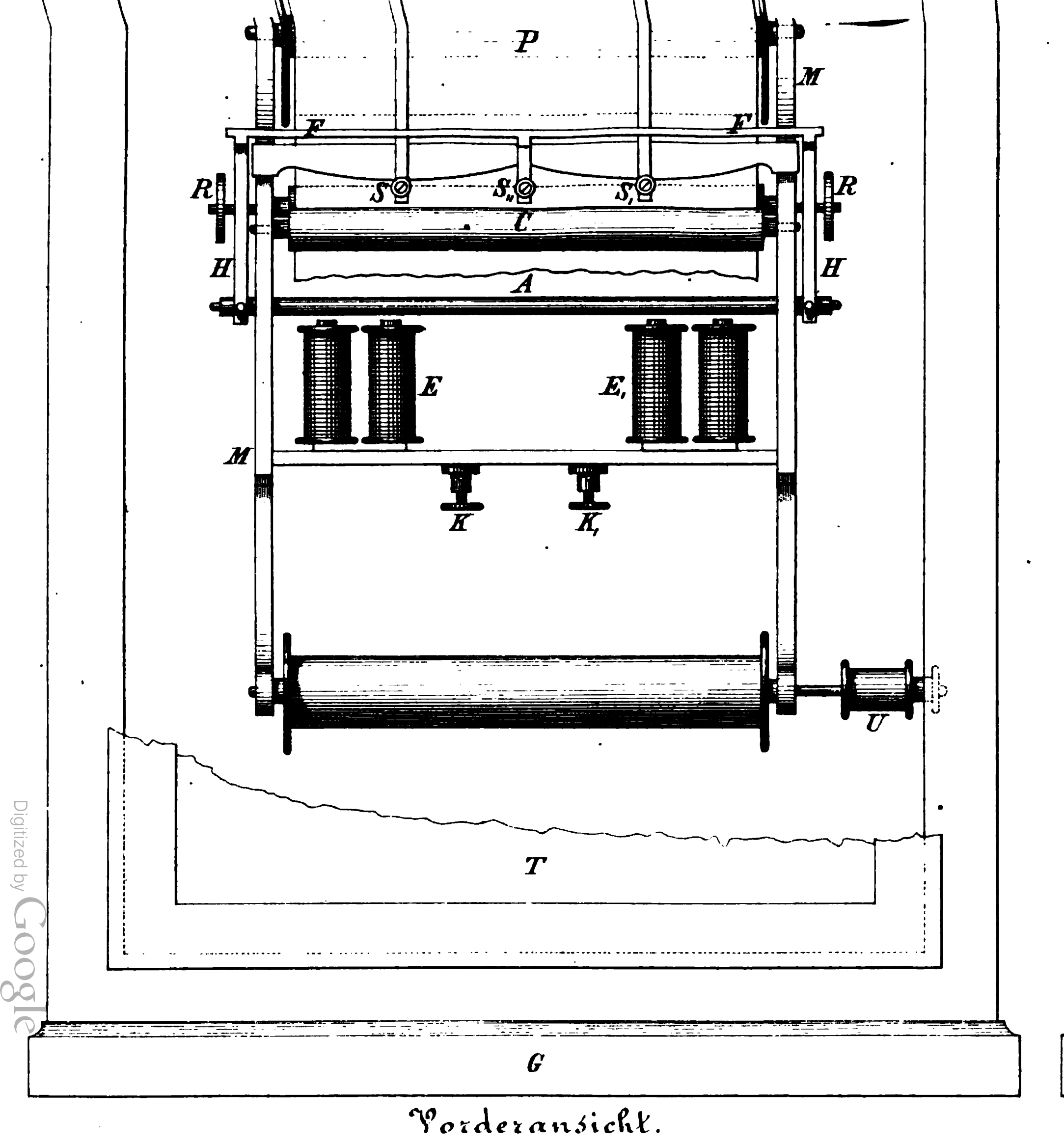


Lith Anst. v. Jos. Huber vorm. Joh. Moises München.

Thermo-Hygrograph von Hasler und Escher in Bern.



Taf. 24.



Vorderansicht.

Seitenansicht.

Lith. Anst. v. Jos. Huber vorm. Joh. Moises München.

Breithaupt's

Theodolit mit Mikroscopen

zum geodätischen Gebrauche.

